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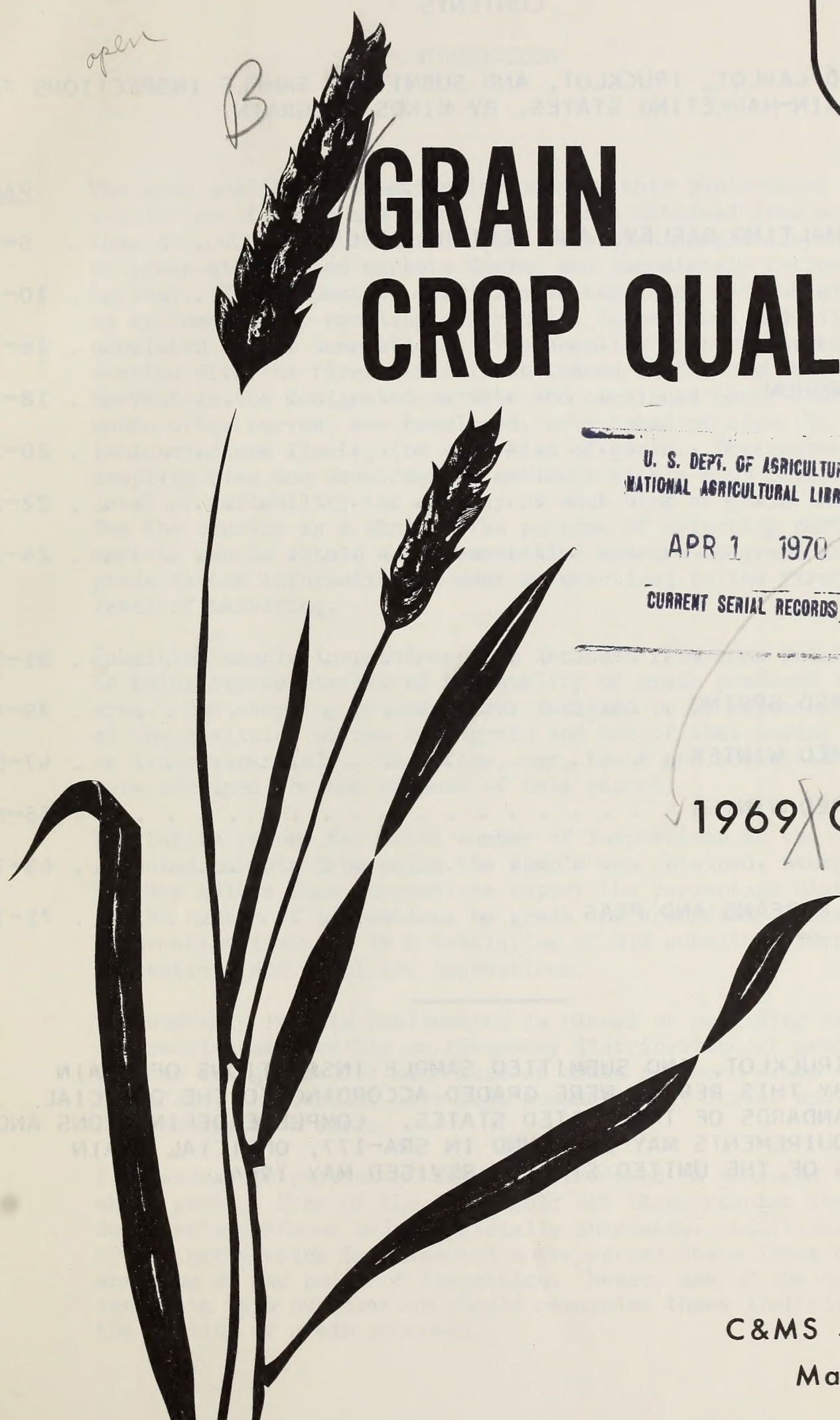
CONSUMER AND MARKETING SERVICE • GRAIN DIVISION, WASHINGTON, D.C.

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GRAIN CROP QUALITY

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1969 X CROPS

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INSPECTED CARLOT, TRUCKLOT, AND SUBMITTED SAMPLE INSPECTIONS FOR
MAJOR GRAIN-MARKETING STATES, BY KINDS OF GRAIN.

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CARLOT, TRUCKLOT, AND SUBMITTED SAMPLE INSPECTIONS OF GRAIN
COVERED BY THIS REPORT WERE GRADED ACCORDING TO THE OFFICIAL
GRAIN STANDARDS OF THE UNITED STATES. COMPLETE DEFINITIONS AND
GRADE REQUIREMENTS MAY BE FOUND IN SRA-177, OFFICIAL GRAIN
STANDARDS OF THE UNITED STATES, REVISED MAY 1964.

INTRODUCTION

The crop quality information included in this publication is a tabulation of grade and grade factor data obtained from more than 503,000 carlot, trucklot, and submitted sample inspections of grain at selected markets during and immediately following harvest. The inspection certificates tabulated were obtained by systematically sampling all receipt inspections and all submitted sample inspections. The sampling of certificates started with the first certificate issued on the new crop harvest in the designated markets and continued until four (4) weeks after harvest was concluded, or a total of nine (9) weeks (whichever was first), for each kind of grain. The systematic sampling plan was developed to estimate within a 95 percent level of reliability the quality of each kind of grain inspected for the country as a whole. The purpose of selecting certain markets was to obtain a representative measure of grade and grade factor information as near as practical to the first level of marketing.

Submitted sample inspections were included from some points as being representative of the quality of grain produced in that area. The sampling procedure was designed to be representative of the qualities of new crop grain and not of that moving by car or truck separately. Therefore, car, truck and submitted sample were combined for the purpose of this report.

The tables report the total number of inspections at the selected markets from which the sample was obtained, except beans. The dry edible bean inspections report the percentage distribution of the number of inspections by grade and specified classes. The information included is a tabulation of 818 submitted sample inspections and 1,751 lot inspections.

The emphasis in this publication is placed on providing as much information as possible on frequency distributions of grade factors and grades for each kind of grain and each class of wheat. Therefore, the results have been summarized by States and for the country as a whole.

A considerable portion of the grain produced is consumed on farms where grown. Some of the grain sold off farms reaches its ultimate destination without being officially inspected. Additionally, some of the grain which is inspected moves across State lines before arriving at the point of inspection. Hence, use of the data presented in this publication should recognize these limitations on the quality of grain reported.

Data on wheat crop quality by counties were compiled in Colorado, Kansas, Nebraska, Oklahoma, and South Dakota, under cooperative projects financed jointly by the Matching Fund Program, Consumer and Marketing Service and the respective State Departments of Agriculture. Technical guidance and coordination of the work in these States was provided by the Grain Division, Consumer and Marketing Service. Additionally, data on wheat crop quality by counties were compiled in Idaho, Oregon, and Washington under a cooperative project with Western Wheat Associates, the State departments of agriculture in the three states and published by the Market News Office of the Grain Division, Consumer and Marketing Service, located in Portland, Oregon. Data from these surveys were included in this publication because of their effect on the state and national situations. County data were published by the respective State departments of agriculture in the midwestern states mentioned above and by Consumer and Marketing Service's Grain Market News office in the Pacific Northwest.

BARLEY
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS

STATES	GRADE						SPECIAL GRADES			
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NUMBER	TWO ROWED NUMBER	WEEV- ILY NUMBER
COLORADO	24	20	8	2	0	2	54	2	0	5
MARYLAND	12	81	78	9	0	2	182	27	3	0
MINNESOTA	636	543	363	27	5	72	1646	18	26	5
MONTANA	596	135	12	3	0	2	747	0	0	725
NORTH DAKOTA	489	158	86	18	8	27	785	11	3	8
OKLAHOMA	93	600	606	48	6	9	1362	117	3	0
SOUTH DAKOTA	11	2	2	2	0	0	15	0	0	0
VIRGINIA	15	81	113	80	6	14	308	57	2	0
WISCONSIN	53	18	9	20	77	6	182	12	3	9
ALL STATES	1928	1637	1275	207	101	132	5279	243	39	750
% 1969 CROP YEAR	36.5	31.0	24.2	3.9	1.9	2.5	100.0	4.6	0.7	14.2
% 1968 CROP YEAR	55.7	19.8	13.0	4.3	2.7	4.5	100.0	4.7	0.3	27.3
% 1967 CROP YEAR	69.6	11.3	7.4	3.6	2.3	5.9	100.0	3.3	0.5	24.2

MALTING BARLEY
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS

STATES	GRADE			SPECIAL GRADES AND SUBCLASSES					
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	TOTAL NUMBER	TOUGH NUMBER	CHOICE MALTING NUMBER	MALTING NUMBER	2 ROWED MALTING NUMBER	BLUE MALTING NUMBER
MINNESOTA	612	1402	856	2870	0	50	2540	164	116
MONTANA	522	340	8	870	0	184	0	686	0
NORTH DAKOTA	380	1678	1514	3572	10	0	3350	12	210
SOUTH DAKOTA	50	118	64	232	0	0	232	0	0
WISCONSIN	666	330	160	1156	24	462	554	110	30
ALL STATES	2230	3868	2602	8700	34	696	6676	972	356
% 1969 CROP YEAR	25.6	44.5	29.9	100.0	0.4	8.0	76.7	11.2	4.1
% 1968 CROP YEAR	27.3	44.4	28.3	100.0	0.8	3.6	84.7	8.4	3.2
% 1967 CROP YEAR	22.8	45.2	32.0	100.0	1.4	1.7	88.1	7.4	2.8

WESTERN BARLEY
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS

STATES	GRADE					SPECIAL GRADES AND SUBCLASSES								
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NUMBER	TWO ROWED NUMBER	WEEV- ILY NUMBER	BRIGHT NUMBER	WEST. BARLEY NUMBER	CHOICE NUMBER	MALT- ING NUMBER
ARIZONA	33	15	18	12	6	0	84	3	0	0	0	84	0	0
CALIFORNIA	1716	366	123	24	15	114	2358	63	3	12	0	2319	15	21
IDAHO	1158	354	75	63	18	6	1674	6	150	0	0	1329	96	99
OREGON	2019	525	75	27	15	33	2694	18	525	21	0	1128	300	741
UTAH	1059	564	90	51	36	9	1809	48	795	3	0	522	180	312
WASHINGTON	2916	618	117	102	42	30	3825	18	363	6	0	2838	264	360
ALL STATES	8901	2442	498	279	132	192	12444	156	1836	42	0	8220	855	1533
% 1969 CROP YEAR	71.5	19.6	4.0	2.2	1.1	1.5	100.0	1.3	14.8	0.3	0.0	66.1	6.9	12.3
% 1968 CROP YEAR	69.0	20.1	5.0	1.9	1.1	2.9	100.0	2.6	25.4	0.4	0.0	68.3	1.5	4.8
% 1967 CROP YEAR	65.2	21.7	5.5	2.7	1.4	3.5	100.0	2.0	22.9	0.0	0.0	70.6	1.8	4.8

BARLEY THE QUALITY OF THE 1969 CROP WAS SHARPLY LOWER THAN IN 1968 AND 1967. THE 1969 CROP HAD ONLY 36 PERCENT GRADING NO. 1 OR BETTER COMPARED WITH 56 PERCENT IN 1968 AND 70 PERCENT IN 1967. FAVORABLE WEATHER CONDITIONS PREDOMINATED OVER MOST OF THE GROWING AREAS BUT REPORTED EARLY SPRING DROUGHTS IN MONTANA AND COLORADO INCREASED THE THIN KERNELS RESULTING IN MORE BARLEY GRADING NO. 2 AND NO. 3. WEEVILY BARLEY WAS REDUCED ALMOST IN HALF FROM THE TWO PREVIOUS YEARS. ALTHOUGH MUCH LESS OF THE BARLEY GRADED NO. 1 IN 1969, FACTOR DATA SHOW A HIGHER PERCENTAGE OF SOUND BARLEY AND MUCH LESS TOTAL DAMAGE.

MALTING BARLEY THE QUALITY OF THE 1969 CROP SHOWED NOT MUCH CHANGE FROM THE TWO PREVIOUS YEARS. THE 1969 CROP HAD 1.6 PERCENT LESS NO. 1 THAN 1968 BUT 2.1 PERCENT MORE NO. 1 THAN 1967. THE SPECIAL GRADE CHOICE MALTING MORE THAN DOUBLED FROM THE PREVIOUS YEAR. THE IDEAL WEATHER AND EXCELLENT HARVESTING CONDITIONS IN MOST STATES RESULTED IN A CROP WITH SLIGHTLY HIGHER TEST WEIGHT AND LOWER MOISTURE THAN THE TWO PREVIOUS YEARS.

WESTERN BARLEY THE QUALITY OF WESTERN BARLEY WAS UP SLIGHTLY IN 1969 COMPARED TO THE PREVIOUS 2 YEARS. THERE WAS 1.5 PERCENT MORE GRADING NO. 1 IN 1969 THAN 1968 AND 6.3 PERCENT MORE THAN 1967. THE SPECIAL GRADES CHOICE AND MALTING INCREASED CONSIDERABLY IN THE 1969 CROP FROM THE TWO PREVIOUS YEARS WITH OVER 5 PERCENT MORE GRADING CHOICE AND OVER 7 PERCENT MORE GRADING MALTING. THE FAVORABLE GROWING CONDITIONS AND HARVESTING SEASON OVER MOST OF THE AREA INCREASED THE AVERAGE TEST WEIGHT BY 2.0 POUNDS AND LOWERED THE AVERAGE MOISTURE BY 0.8 PERCENT FROM THE PREVIOUS YEAR. THE THIN KERNELS ALSO DECREASED IN 1969 BY OVER 50 PERCENT FROM THE 1968 CROP.

BARLEY
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE; 2 MONTHS FOLLOWING HARVEST, 1969 CROP AND 1968 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	GRADE										ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		SAMPLE GRADE	
	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
DOCKAGE												
HIGH		7.5		6.5		4.5		14.5		16.5		4.5
LOW		0.0		0.0		0.0		0.0		0.0		0.0
AVERAGE	1969	855	521	1.5	354	1.7	69	2.2	87	7.4	93	1.7
	1968	1079	351	1.4	299	1.3	92	2.1	84	7.0	129	2.3
TEST WEIGHT *												
HIGH		55.7		54.7		52.2		54.2		51.2		52.7
LOW		47.2		45.2		43.2		40.2		37.2		37.2
AVERAGE	1969	1928	1637	47.7	1275	46.6	207	44.2	101	42.3	132	46.3
	1968	1776	633	46.9	416	46.0	137	43.7	86	45.7	144	46.9
MOISTURE												
HIGH		15.5		16.0		16.0		16.0		15.5		20.6
LOW		8.0		8.2		8.6		10.7		11.3		11.5
AVERAGE	1969	1820	1541	13.1	1271	13.1	201	13.1	101	13.0	131	14.5
	1968	1767	620	12.9	410	13.0	131	13.6	83	12.7	143	13.6
HEAT DAMAGE												
HIGH		0.2		0.3		0.5		1.0		2.7		8.0
LOW		0.1		0.1		0.5		0.7		1.1		0.2
AVERAGE	1969	32	24	0.2	14	0.5	15	0.9	9	2.0	18	4.1
	1968	2	5	0.3	5	0.4	5	0.6	3	2.2	2	0.4
TOTAL DAMAGE												
HIGH		2.0		4.0		6.0		8.0		8.5		25.0
LOW		0.1		0.4		0.2		0.6		1.0		0.5
AVERAGE	1969	21	119	1.3	165	1.8	74	2.1	8	3.2	21	8.9
	1968	0	12	2.1	27	4.0	12	5.8	6	9.4	27	10.4
FOREIGN MATERIAL												
HIGH		0.3		1.0		2.0		2.5		1.0		0.5
LOW		0.1		0.1		0.1		0.1		0.1		0.1
AVERAGE	1969	18	102	0.3	125	0.3	48	0.4	5	0.6	6	0.3
	1968	0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SKINNED AND BROKEN												
HIGH		19.0		17.0		15.0		20.0		4.0		15.7
LOW		0.3		1.0		1.0		2.5		4.0		2.0
AVERAGE	1969	1350	458	7.6	192	6.9	23	6.3	2	4.0	8	5.6
	1968	1460	474	8.6	176	8.9	56	5.0	6	10.0	17	10.5
THIN												
HIGH		10.0		15.0		25.0		35.0		75.0		86.0
LOW		0.0		1.0		1.7		2.5		4.5		1.5
AVERAGE	1969	1310	1445	9.2	1157	14.6	125	16.5	95	56.1	119	8.6
	1968	1200	468	7.0	387	13.5	131	14.8	86	47.5	143	22.1
SOUND												
HIGH		99.4		99.3		99.0		98.7		98.5		98.5
LOW		97.0		94.0		90.0		80.0		70.0		56.0
AVERAGE	1969	159	783	97.2	732	96.8	80	89.6	83	82.5	14	85.9
	1968	159	227	96.9	152	95.9	48	93.5	75	84.6	75	87.0
BROKEN KERNELS												
HIGH		0.0		9.2		0.0		0.0		0.0		0.0
LOW		0.0		5.3		0.0		0.0		0.0		0.0
AVERAGE	1969	0	77	6.8	0	0.0	0	0.0	0	0.0	0	0.0
	1968	0	21	6.7	0	0.0	0	0.0	0	0.0	0	0.0

* TEST WEIGHT IN POUNDS.

MALTING BARLEY
 RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP AND 1968 CROP AVERAGE
 ALL INSPECTIONS
 ALL STATES

QUALITY FACTOR	GRADE				ALL GRADES			
	NO. 1		NO. 2		NO. 3		NO.	
	NO.	PCT.	NO.	PCT.	NO.	PCT.		PCT.
DOCKAGE								
HIGH		3.5		7.5		6.5		7.5
LOW		0.0		0.0		0.0		0.0
AVERAGE	1969	534	2014	0.7	1702	0.8	4250	0.7
	1968	1725	3879	0.4	2451	0.4	8055	0.4
TEST WEIGHT *								
HIGH		55.7		55.7		53.7		55.7
LOW		47.2		45.2		43.2		43.2
AVERAGE	1969	2230	3868	49.5	2602	49.0	8700	49.9
	1968	2679	4359	48.9	2772	48.8	9810	49.3
MOISTURE								
HIGH		14.4		16.0		16.0		16.0
LOW		8.2		8.1		9.2		8.1
AVERAGE	1969	2216	3864	11.8	2602	12.0	8682	11.7
	1968	2679	4359	12.5	2769	12.4	9807	12.4
HEAT DAMAGE								
HIGH		0.0		0.0		0.0		0.0
LOW		0.0		0.0		0.0		0.0
AVERAGE	1969	0	0	0.0	0	0.0	0	0.0
	1968	0	0	0.0	0	0.0	0	0.0
TOTAL DAMAGE								
HIGH		0.0		0.0		0.0		0.0
LOW		0.0		0.0		0.0		0.0
AVERAGE	1969	0	0	0.0	0	0.0	0	0.0
	1968	0	0	0.0	0	0.0	0	0.0
FOREIGN MATERIAL								
HIGH		0.0		0.0		0.0		0.0
LOW		0.0		0.0		0.0		0.0
AVERAGE	1969	0	0	0.0	0	0.0	0	0.0
	1968	0	0	0.0	0	0.0	0	0.0
SKINNED AND BROKEN								
HIGH		7.0		10.0		8.0		10.0
LOW		0.2		0.0		1.0		0.0
AVERAGE	1969	1986	3774	5.1	2562	6.9	8322	5.2
	1968	2115	4176	5.0	2679	6.9	8970	5.2
THIN								
HIGH		7.0		10.0		15.0		15.0
LOW		0.2		0.1		0.2		0.1
AVERAGE	1969	1704	3786	5.5	2594	5.8	8084	5.3
	1968	2094	4317	5.0	2766	5.5	9177	4.9
SOUND								
HIGH		0.0		99.0		98.8		99.0
LOW		0.0		94.2		92.0		92.0
AVERAGE	1969	0	50	96.6	48	95.5	98	96.1
	1968	99	114	98.0	111	97.6	324	98.1
BROKEN KERNELS								
HIGH		0.0		0.0		0.0		0.0
LOW		0.0		0.0		0.0		0.0
AVERAGE	1969	0	0	0.0	0	0.0	0	0.0
	1968	0	0	0.0	0	0.0	0	0.0

* TEST WEIGHT IN POUNDS.

WESTERN BARLEY
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP AND 1968 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	GRADE										ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		SAMPLE GRADE	
	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
DOCKAGE												
HIGH		13.5		11.5		20.5		14.5		6.5		16.5
LOW		1.0		1.0		1.5		1.5		1.5		1.5
AVERAGE	1969	1695		687		222		120		57		129
	1968	2061		1032		381		132		69		255
TEST WEIGHT *												
HIGH		58.5		56.5		55.5		56.5		55.5		54.5
LOW		35.5		39.5		40.5		40.5		41.5		37.5
AVERAGE	1969	8896		2439		458		279		132		192
	1968	9225		2670		675		252		144		384
MOISTURE												
HIGH		15.0		14.8		14.8		13.4		15.0		19.4
LOW		7.6		8.0		8.0		8.0		8.0		9.2
AVERAGE	1969	2166		786		141		69		57		48
	1968	1968		1017		267		105		48		261
HEAT DAMAGE												
HIGH		0.0		0.2		0.0		0.0		1.0		3.7
LOW		0.0		0.2		0.0		0.0		1.0		0.2
AVERAGE	1969	0		3		0		0		3		15
	1968	0		3		0		0		0		9
WILD OATS												
HIGH		1.0		2.0		3.0		5.0		8.9		15.0
LOW		0.7		0.3		2.2		2.5		5.2		3.1
AVERAGE	1969	15		330		93		108		48		21
	1968	21		285		96		69		18		18
FOREIGN MATERIAL												
HIGH		0.5		1.0		2.0		2.8		3.4		18.0
LOW		0.5		0.2		0.8		0.7		0.4		2.3
AVERAGE	1969	6		252		114		27		6		24
	1968	6		645		207		42		27		21
SKINNED AND BROKEN												
HIGH		29.0		27.0		25.5		22.0		37.5		15.0
LOW		0.1		1.0		1.0		1.0		0.8		3.8
AVERAGE	1969	3624		975		99		63		27		9
	1968	3219		675		123		33		18		30
THIN												
HIGH		48.4		30.0		21.5		26.0		17.0		8.0
LOW		0.6		1.4		1.7		2.3		10.0		4.4
AVERAGE	1969	3126		873		84		51		15		9
	1968	2547		543		90		21		18		27
SOUND												
HIGH		99.7		99.6		99.0		98.0		87.0		98.0
LOW		98.0		96.0		93.0		88.0		80.0		64.2
AVERAGE	1969	606		735		201		120		75		24
	1968	195		744		261		126		87		96
BROKEN KERNELS												
HIGH		3.0		6.0		9.8		15.0		18.3		5.0
LOW		0.0		1.0		1.5		1.0		1.5		1.5
AVERAGE	1969	678		1071		153		72		21		6
	1968	480		1131		186		51		18		15

* TEST WEIGHT IN POUNDS.

CORN
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS

STATES	GRADE						SPECIAL GRADES AND CLASSES				
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	WEEV- ILY NUMBER	YELLOW NUMBER	WHITE NUMBER	MIXED NUMBER
ALABAMA	10	160	260	250	100	30	810	0	620	190	0
ILLINOIS	250	2980	2140	2730	590	270	8960	20	8760	200	0
INDIANA	470	2450	1050	570	210	120	4870	10	4870	0	0
IOWA	270	2850	3900	3480	2150	1720	14370	60	14370	40	0
KANSAS	0	240	390	180	50	30	890	0	790	80	20
KENTUCKY	260	1870	1420	1250	490	80	5370	10	5340	30	0
MARYLAND	10	370	200	80	70	10	740	0	740	0	0
MINNESOTA	40	1590	7330	4900	3550	2720	20130	20	20130	0	0
MISSOURI	20	580	1240	480	60	120	2500	0	2170	330	0
NEBRASKA	70	540	680	420	170	100	1980	0	1900	80	0
NEW YORK	0	120	180	60	30	60	450	0	450	0	0
OHIO	140	1810	1360	1290	820	350	5770	10	5760	10	0
PENNSYLVANIA	10	590	530	370	370	130	2000	10	1940	60	0
SOUTH CAROLINA	30	190	620	260	20	70	1190	780	1170	20	0
TENNESSEE	40	860	140	70	30	0	1140	0	1060	80	0
VIRGINIA	0	200	760	1590	840	250	3640	0	3640	0	0
WISCONSIN	10	760	1700	740	390	570	4170	10	4170	0	0
ALL STATES	1630	18160	23900	18720	9940	6630	78980	930	77840	1120	20
1969 CROP YEAR	2.1	23.0	30.3	23.7	12.6	8.4	100.0	1.2	98.6	1.4	0.0
1968 CROP YEAR	2.0	28.6	35.6	21.6	8.0	4.2	100.0	0.9	98.2	1.7	0.1
1967 CROP YEAR	1.6	15.3	30.2	22.1	20.2	10.5	100.0	1.3	98.1	1.7	0.1

CORN CORN WAS BELOW THE HIGH QUALITY OF THE 1968 CROP, BUT BETTER THAN THE 1967 CROP. OF THE TOTAL RECEIPTS 25 PERCENT GRADED NO. 2 OR BETTER, BELOW THE 31 PERCENT IN THE TOP TWO GRADES LAST YEAR BUT HIGHER THAN THE 17 PERCENT IN 1967. ANOTHER 30 PERCENT GRADED NO. 3, MAKING 55 PERCENT OF CORN RECEIVED NO. 3 OR BETTER, COMPARED WITH 66 PERCENT IN 1968. TEST WEIGHT AVERAGED 0.7 POUND LESS ON THE 1969 CROP THAN ON THE 1968 CROP. TOTAL DAMAGE AND BROKEN CORN AND FOREIGN MATERIAL AVERAGED SLIGHTLY HIGHER ON THE 1969 CROP COMPARED WITH THE 1968 CROP.

CORN
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP AND 1968 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	GRADE										ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		SAMPLE GRADE	
TEST WEIGHT *	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
HIGH	61.7		61.2		61.7		59.7		59.2		59.7	
LOW	56.2		54.2		52.2		49.2		48.7		47.2	
AVERAGE	1630	57.5	18160	56.0	23890	54.9	18680	54.6	9900	53.8	6580	53.0
1968	1632	57.3	23184	55.9	28872	55.5	17448	55.4	6492	54.4	3384	53.6
MOISTURE												
HIGH	14.0		15.5		17.5		20.0		23.0		37.0	
LOW	8.9		7.5		10.3		9.4		10.3		10.7	
AVERAGE	1630	13.1	18160	14.7	23900	15.8	18720	17.3	9930	17.9	6600	20.6
1968	1632	13.2	23184	14.7	28860	16.0	17460	17.9	6504	19.2	3384	19.3
HEAT DAMAGE												
HIGH	0.0		0.0		0.5		1.0		0.5		8.5	
LOW	0.0		0.0		0.2		0.1		0.2		0.3	
AVERAGE	0	0.0	0	0.0	60	0.4	80	0.5	30	0.4	120	2.4
1968	0	0.0	72	0.1	120	0.2	72	0.5	36	1.0	216	3.4
TOTAL DAMAGE												
HIGH	3.0		5.0		7.0		10.0		15.0		75.0	
LOW	0.0		0.0		0.0		0.2		0.0		0.0	
AVERAGE	1430	1.3	16390	1.8	21150	2.0	14470	2.5	7660	3.8	5580	9.6
1968	1452	1.5	20064	1.9	24768	1.9	11820	2.2	3672	3.6	2688	14.2
BRKN CORN AND FOR. MAT.												
HIGH	2.0		3.0		4.0		5.0		7.0		16.6	
LOW	0.2		0.2		0.1		0.1		0.2		0.2	
AVERAGE	1150	1.3	16150	2.0	21720	2.6	14400	2.9	8400	4.1	5860	3.9
1968	1272	1.4	20772	2.1	24324	2.5	9456	2.6	3888	3.6	2772	4.0

* TEST WEIGHT IN POUNDS.

CORN TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
60.0 AND OVER	60	50	50	0	0	0	160
59.0 - 59.9	170	260	90	30	10	10	570
58.0 - 58.9	260	850	850	200	70	90	2320
57.0 - 57.9	510	2830	1970	1220	300	160	6990
56.0 - 56.9	630	5100	4230	3170	660	470	14260
55.0 - 55.9	0	5430	4230	3920	1260	460	15300
54.0 - 54.9	0	3640	4440	4260	2280	920	15540
53.0 - 53.9	0	0	5250	2560	2590	1020	11420
52.0 - 52.9	0	0	2780	1320	1630	1320	7050
51.0 - 51.9	0	0	0	1360	800	1110	3270
50.0 - 50.9	0	0	0	440	210	580	1230
49.0 - 49.9	0	0	0	200	70	260	530
48.0 - 48.9	0	0	0	0	20	120	140
47.0 - 47.9	0	0	0	0	0	60	60
46.0 - 46.9	0	0	0	0	0	0	0
45.9 AND UNDER	0	0	0	0	0	0	0
NO INFORMATION	0	0	10	40	40	50	140
MEAN 1969	57.5	56.0	54.9	54.6	53.8	53.0	54.8
MEAN 1968	57.3	55.9	55.5	55.4	54.4	53.6	55.5
MEAN 1967	57.6	55.5	54.4	54.0	53.3	51.7	54.0

CORN MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 NUMBER	NO. 2 NUMBER	GRADE NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
0.0 - 10.0	40	40	0	20	0	0	100
10.1 - 12.0	180	140	140	100	80	100	740
12.1 - 13.0	320	610	310	210	210	180	1840
13.1 - 13.5	400	640	500	380	330	180	2430
13.6 - 14.0	690	1700	1300	640	650	340	5320
14.1 - 14.5	0	3610	1750	1090	790	550	7790
14.6 - 15.0	0	5350	2520	1240	1030	590	10730
15.1 - 15.5	0	6070	2570	1590	870	490	11590
15.6 - 16.5	0	0	8690	1580	950	420	11640
16.6 - 17.5	0	0	6120	740	420	210	7490
17.6 - 18.5	0	0	0	4880	150	130	5160
18.6 - 20.0	0	0	0	6250	70	110	6430
20.1 - 23.0	0	0	0	0	4380	180	4560
23.1 - 25.0	0	0	0	0	0	1220	1220
25.1 - 27.5	0	0	0	0	0	1010	1010
27.6 - 30.0	0	0	0	0	0	540	540
30.1 - 32.5	0	0	0	0	0	270	270
32.6 - 35.0	0	0	0	0	0	70	70
35.1 - 40.0	0	0	0	0	0	10	10
40.1 AND OVER	0	0	0	0	10	30	40
NO INFORMATION	0	0	0	0	10	30	40
MEAN 1969	13.1	14.7	15.8	17.3	17.9	20.6	16.5
MEAN 1968	13.2	14.7	16.0	17.9	19.2	19.3	16.4
MEAN 1967	12.9	14.6	15.8	17.4	19.8	22.9	17.5

CORN TOTAL DAMAGE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
0.0	10	80	20	0	20	10	140
0.1 - 1.0	680	5720	8530	5950	2510	2060	25450
1.1 - 2.0	510	5940	5850	3960	1750	620	18630
2.1 - 2.5	100	1230	1410	520	380	150	3790
2.6 - 3.0	130	1080	1700	850	470	250	4480
3.1 - 3.5	0	560	620	270	160	100	1710
3.6 - 4.0	0	770	660	390	320	150	2290
4.1 - 5.0	0	1010	920	500	360	200	2990
5.1 - 6.0	0	0	660	210	130	110	1110
6.1 - 7.0	0	0	780	190	130	60	1160
7.1 - 8.0	0	0	0	440	80	20	540
8.1 - 10.0	0	0	0	1190	180	190	1560
10.1 - 12.0	0	0	0	0	530	40	570
12.1 - 15.0	0	0	0	0	640	90	730
15.1 - 18.0	0	0	0	0	0	340	340
18.1 AND OVER	0	0	0	0	0	1190	1190
NO INFORMATION	200	1770	2750	4250	2280	1050	12300
MEAN 1969	1.3	1.8	2.0	2.5	3.8	9.6	2.9
MEAN 1968	1.5	1.9	1.9	2.2	3.6	14.2	2.5
MEAN 1967	1.7	2.0	1.9	2.1	1.9	4.2	2.2

BROKEN CORN AND FOREIGN MATERIAL
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
0.0	0	0	0	0	0	0	0
0.1 - 1.0	430	2320	1680	2360	980	1140	8910
1.1 - 1.5	340	2220	2420	1590	780	860	8210
1.6 - 2.0	380	3900	3120	1940	1000	740	11080
2.1 - 2.5	0	3470	2540	1000	390	370	7770
2.6 - 3.0	0	4240	4030	1250	380	440	10340
3.1 - 3.5	0	0	3260	440	130	200	4030
3.6 - 4.0	0	0	4670	710	100	200	5680
4.1 - 4.5	0	0	0	2240	60	80	2380
4.6 - 5.0	0	0	0	2870	100	120	3090
5.1 - 6.0	0	0	0	0	2810	150	2960
6.1 - 7.0	0	0	0	0	1670	80	1750
7.1 - 8.0	0	0	0	0	0	570	570
8.1 - 10.0	0	0	0	0	0	640	640
10.1 AND OVER	0	0	0	0	0	270	270
NO INFORMATION	480	2010	2180	4320	1540	770	11300
MEAN 1969	1.3	2.0	2.6	2.9	4.1	3.9	2.8
MEAN 1968	1.4	2.1	2.5	2.6	3.6	4.0	2.5
MEAN 1967	1.3	2.1	2.7	3.0	3.5	4.1	2.9

FLAXSEED
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS

STATES	GRADE	NO. 1 NUMBER	NO. 2 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER
CALIFORNIA		224	2	2	228
MINNESOTA		7266	44	116	7426
MONTANA		50	0	0	50
NORTH DAKOTA		110	0	0	110
SOUTH DAKOTA		146	0	0	146
TEXAS		1338	14	126	1478
WISCONSIN		924	6	16	946
ALL STATES		10058	66	260	10384
Σ 1969 CROP YEAR		96.9	0.6	2.5	100.0
Σ 1968 CROP YEAR		95.3	1.9	2.7	100.0
Σ 1967 CROP YEAR		97.1	1.6	1.3	100.0

FLAXSEED
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP AND 1968 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	GRADE	NO. 1 NO. PCT.	NO. 2 NO. PCT.	SAMPLE GRADE NO. PCT.	ALL GRADES NO. PCT.
DOCKAGE					
HIGH		47.0	24.0	44.0	47.0
LOW		0.0	2.0	1.0	0.0
AVERAGE	1969	10044	66	258	10368
	1968	6794	138	194	7126
TEST WEIGHT *					
HIGH		54.7	52.2	54.2	54.7
LOW		49.2	47.2	46.7	46.7
AVERAGE	1969	10054	66	260	10380
	1968	6798	138	194	7130
MOISTURE					
HIGH		9.5	9.5	13.7	13.7
LOW		5.0	5.1	5.6	5.0
AVERAGE	1969	10030	66	260	10356
	1968	6798	138	194	7130
HEAT DAMAGE					
HIGH		0.2	0.5	10.0	10.0
LOW		0.2	0.3	0.7	0.2
AVERAGE	1969	6	22	42	70
	1968	8	2	2	12
TOTAL DAMAGE					
HIGH		0.0	0.0	0.7	0.7
LOW		0.0	0.0	0.7	0.7
AVERAGE	1969	0	0	2	2
	1968	0	0	0	0

* TEST WEIGHT IN POUNDS.

FLAXSEED MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	GRADE	NO. 1 NUMBER	NO. 2 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
6.9 AND UNDER		1958	6	10	1974
7.0 - 7.4		2212	8	16	2236
7.5 - 7.9		2070	14	10	2094
8.0 - 8.5		2112	10	10	2132
8.6 - 9.0		1110	16	8	1134
9.1 - 9.5		568	12	8	588
9.6 - 10.0		0	0	128	128
10.1 - 10.5		0	0	42	42
10.6 - 11.0		0	0	12	12
11.1 - 11.5		0	0	12	12
11.6 - 12.0		0	0	2	2
12.1 - 13.0		0	0	0	0
13.1 AND OVER		0	0	2	2
NO INFORMATION		28	0	0	28
MEAN 1969		7.7	8.1	9.6	7.7
MEAN 1968		7.9	8.2	9.8	8.0
MEAN 1967		7.3	8.1	9.4	7.3

FLAX. FLAXSEED QUALITY HAS BEEN VERY HIGH THE PAST THREE YEARS, WITH THE 1969 CROP AVERAGING ABOUT 1.6 PERCENT MORE NO. 1 THAN 1968 BUT ABOUT THE SAME AS 1967. THE 1969 CROP RESPONDED TO FAVORABLE SOIL MOISTURE AND TEMPERATURES THROUGHOUT THE SEASON AND AS A RESULT THERE WAS A RECORD PRODUCTION AND HIGH YIELDS PER ACRE.

GRAIN SORGHUM
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS

STATES	GRADE						SPECIAL GRADES AND CLASSES			
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	WEEV- ILY NUMBER	YELLOW NUMBER	WHITE NUMBER	OTHER NUMBER
ARIZONA	0	49	7	0	0	56	0	56	0	0
CALIFORNIA	161	994	560	1127	574	3416	7	3416	0	0
COLORADO	35	273	301	658	77	1344	0	1330	0	14
KANSAS	28	931	882	3423	168	5432	7	5397	7	28
MISSOURI	42	301	399	1092	63	1897	0	1862	7	28
NEBRASKA	182	1134	581	2702	469	5068	7	5033	0	35
OKLAHOMA	0	14	0	0	0	14	0	14	0	0
TENNESSEE	7	35	21	21	14	98	0	7	0	91
TEXAS	2002	21385	11347	3878	1869	40481	350	40292	161	28
ALL STATES	2457	25116	14098	12901	3234	57806	371	57407	175	224
% 1969 CROP YEAR	4.3	43.4	24.4	22.3	5.6	100.0	0.6	99.3	0.3	0.4
% 1968 CROP YEAR	2.5	39.3	33.7	19.5	5.0	100.0	1.0	97.3	2.4	0.3
% 1967 CROP YEAR	5.1	43.2	25.2	20.2	6.3	100.0	0.8	99.9	0.0	0.1

GRAIN SORGHUM MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
10.0 AND UNDER	28	7	0	0	0	0	35
10.1 - 11.0	49	56	21	7	0	0	133
11.1 - 12.0	224	385	77	49	42	42	777
12.1 - 13.0	2156	2590	217	14	161	161	5138
13.1 - 14.0	0	22078	924	105	581	581	23688
14.1 - 15.0	0	0	12859	154	364	364	13377
15.1 - 16.0	0	0	0	4788	119	119	4907
16.1 - 17.0	0	0	0	4774	105	105	4879
17.1 - 18.0	0	0	0	3003	63	63	3066
18.1 - 19.0	0	0	0	0	0	0	1522
19.1 AND OVER	0	0	0	0	0	0	266
MEAN 1969	12.6	13.5	14.5	16.5	17.6	17.6	14.6

GRAIN SORGHUM
 RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP AND 1968 CROP AVERAGE
 ALL INSPECTIONS
 ALL STATES

QUALITY FACTOR	GRADE												ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 4		SAMPLE GRADE		NO. 4		NO. PCT.	
	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
DOCKAGE														
HIGH		0.0		2.0		1.5		2.0		1.0		1.0		2.0
LOW		0.0		1.0		1.0		1.0		1.0		1.0		1.0
AVERAGE	1969	0	21	1.3	28	1.3	35	1.2	7	1.0	91	1.2	91	1.0
	1968	0	248	0.3	184	0.1	192	0.3	32	1.0	656	0.3	656	0.3
TEST WEIGHT *														
HIGH		60.2		61.2		60.7		60.7		59.7		59.7		61.2
LOW		57.2		55.2		53.2		51.2		42.7		42.7		42.7
AVERAGE	1969	2457	25116	57.3	14098	57.0	12894	57.5	3234	55.5	57799	57.2	57799	57.2
	1968	1320	20720	57.4	17776	56.6	10264	56.4	2616	54.0	52696	56.8	52696	56.8
MOISTURE														
HIGH		13.0		14.0		15.0		18.0		30.0		30.0		30.0
LOW		9.8		9.7		11.0		10.6		11.2		11.2		9.7
AVERAGE	1969	2457	25116	13.5	14098	14.5	12894	16.4	3234	17.6	57799	14.6	57799	14.6
	1968	1320	20728	13.4	17776	14.3	10264	15.6	2616	15.4	52704	14.2	52704	14.2
HEAT DAMAGE														
HIGH		0.0		0.0		0.0		0.0		10.0		10.0		10.0
LOW		0.0		0.0		0.0		0.0		10.0		10.0		10.0
AVERAGE	1969	0	0	0.0	0	0.0	0	0.0	7	10.0	7	10.0	7	10.0
	1968	0	0	0.0	0	0.0	0	0.0	48	1.4	48	1.4	48	1.4
TOTAL DAMAGE														
HIGH		1.8		5.0		10.0		15.0		30.0		30.0		30.0
LOW		0.4		0.2		0.2		0.2		0.4		0.4		0.2
AVERAGE	1969	49	819	2.7	742	3.1	1162	1.1	315	8.4	3087	2.8	3087	2.8
	1968	120	4752	3.7	4328	5.6	1624	7.5	1352	16.0	12176	6.2	12176	6.2
BPKN KER. FM & OTH. GR.														
HIGH		4.0		8.0		11.8		13.8		22.3		22.3		22.3
LOW		1.4		0.5		1.0		1.0		1.0		1.0		0.5
AVERAGE	1969	455	6020	4.3	4151	4.1	10003	3.6	1547	3.4	22176	3.9	22176	3.9
	1968	1200	20568	4.3	17592	4.3	9792	4.1	2296	4.8	51448	4.2	51448	4.2

* TEST WEIGHT IN POUNDS.

GRAIN SORGHUM THE QUALITY OF THE 1969 GRAIN SORGHUM CROP IMPROVED SLIGHTLY OVER 1968 BUT WAS ABOUT THE SAME AS THE QUALITY OF THE 1967 CROP. THE 1969 CROP HAD 5.9 PERCENT MORE GRADING NO. 2 OR BETTER, COMPARED TO 1968 BUT 0.6 PERCENT LESS THAN THE 1967 CROP. IN 1969 THE PERCENT OF GRAIN SORGHUM GRADING "WHITE" DROPPED 2.1 PERCENT FROM THE 1968 CROP.

OATS
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS

STATES	GRADE										SPECIAL GRADES AND CLASSES				
	NO. 1 HEAVY NUMBER	NO. 1 HEAVY NUMBER	NO. 2 HEAVY NUMBER	NO. 2 HEAVY NUMBER	NO. 3 HEAVY NUMBER	NO. 3 HEAVY NUMBER	NO. 4 HEAVY NUMBER	NO. 4 HEAVY NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NUMBER	WEED- ILY NUMBER	THIN NUMBER	WHITE NUMBER	OTHER NUMBER
ILLINOIS	54	138	60	276	15	39	9	51	0	642	42	18	0	639	3
INDIANA	15	0	0	0	3	0	0	0	0	18	0	0	0	18	0
IOWA	627	177	600	126	177	192	39	120	0	2058	87	18	0	2055	3
MINNESOTA	3876	285	2796	228	843	99	198	171	0	8496	171	99	0	8496	0
MISSOURI	531	36	132	36	3	39	3	9	0	789	36	21	0	786	3
NEBRASKA	78	18	24	21	15	12	3	6	0	177	6	0	0	177	0
NEW YORK	9	0	24	0	3	0	0	6	0	42	0	0	0	42	0
NORTH DAKOTA	810	9	324	15	99	12	33	9	0	1311	9	0	0	1311	0
OHIO	165	15	36	45	9	18	6	9	0	303	69	9	0	264	39
SOUTH DAKOTA	51	3	36	3	33	0	9	9	0	144	0	0	0	144	0
WISCONSIN	222	27	138	18	39	21	45	36	0	546	63	6	0	546	0
ALL STATES	6438	708	4170	768	1239	432	345	426	0	14526	483	171	0	14478	48
* 1969 CROP YEAR	44.3	4.9	28.7	5.3	8.5	3.0	2.4	2.9	0.0	100.0	3.3	1.2	0.0	99.7	0.3
* 1968 CROP YEAR	53.6	3.8	26.7	3.7	7.6	1.2	2.0	0.3	1.2	100.0	5.9	0.8	0.0	99.8	0.2
* 1967 CROP YEAR	50.0	1.9	32.9	1.4	9.0	0.6	2.1	0.2	1.9	100.0	1.7	1.2	0.2	99.8	0.2

OATS OATS GRADING NO. 1 IS THE LOWEST IN THREE YEARS. IN 1969 OATS GRADING NO. 1 DECREASED 8 PERCENT FROM THE 1968 CROP AND ABOUT 3 PERCENT FROM THE 1967 CROP. HEAVY OATS IN ALL GRADES DECREASED AGAIN IN 1969. THE 1969 CROP GRADED 83.9 PERCENT HEAVY WHICH WAS 6 PERCENT LESS THAN 1968 AND 10 PERCENT LESS THAN THE 1967 CROP. THE PERCENTAGE OF WILD OATS IN THE 1969 CROP AT 2.1 PERCENT IS A DECREASE OF ABOUT 8 PERCENT FROM THE 1968 CROP.

OATS
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP AND 1968 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	TEST WEIGHT *	GRADE								SAMPLE GRADE		ALL GRADES	
		NO. 1 HEAVY	NO. 1 PCT.	NO. 2 HEAVY	NO. 2 PCT.	NO. 3 HEAVY	NO. 3 PCT.	NO. 4 HEAVY	NO. 4 PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.
TEST WEIGHT *	HIGH	43.7	35.7	43.7	35.7	44.2	35.7	43.2	43.7	0.0	0.0	44.2	44.2
	LOW	36.2	34.2	36.2	32.2	36.2	30.2	36.2	25.7	0.0	0.0	25.7	25.7
AVERAGE	1969	6438	38.8	708	35.0	4170	38.9	768	33.8	432	32.8	426	35.3
	1968	6732	38.4	474	35.2	3351	38.7	462	34.5	147	34.2	39	34.4
MOISTURE	HIGH	15.3	15.0	15.6	15.4	15.7	15.9	15.8	18.3	0.0	0.0	18.3	18.3
	LOW	8.2	10.2	8.4	10.0	8.0	10.0	9.0	9.5	0.0	0.0	8.0	8.0
AVERAGE	1969	6438	11.5	708	12.8	4170	11.6	768	13.0	432	13.3	426	13.2
	1968	6732	12.5	474	12.8	3351	12.1	462	12.6	147	12.9	39	13.1
HEAT DAMAGE	HIGH	0.0	0.0	0.3	0.0	1.0	1.0	3.0	14.5	0.0	0.0	14.5	14.5
	LOW	0.0	0.0	0.1	0.0	0.1	0.3	0.4	0.1	0.0	0.0	0.1	0.1
AVERAGE	1969	0	0.0	33	0.2	24	0.5	36	1.9	129	4.1	246	2.5
	1968	0	0.0	6	0.2	18	1.0	12	2.6	6	1.4	48	1.4
WILD OATS	HIGH	0.0	0.0	0.6	3.0	4.0	0.0	0.0	6.0	0.0	0.0	6.0	6.0
	LOW	0.0	0.0	0.1	3.0	0.6	0.0	0.0	0.0	0.0	0.0	0.1	0.1
AVERAGE	1969	0	0.0	18	0.4	21	3.0	0	0.0	3	6.0	45	2.1
	1968	0	0.0	0	0.0	0	0.0	0	7.0	0	0.0	6	10.0
FOREIGN MATERIAL	HIGH	2.0	2.0	3.0	3.0	4.0	4.0	5.0	14.0	0.0	0.0	14.0	14.0
	LOW	0.1	0.2	0.3	0.2	0.1	0.2	0.4	0.3	0.0	0.0	0.1	0.1
AVERAGE	1969	6105	1.0	552	1.5	4071	1.9	363	1.7	372	3.8	0	0.0
	1968	6498	0.9	453	1.1	3321	1.4	138	2.2	39	2.9	138	4.4
SOUND	HIGH	99.5	99.7	98.5	99.3	99.0	99.2	98.4	99.4	0.0	0.0	99.7	99.7
	LOW	97.0	97.0	94.0	94.0	90.0	90.0	80.0	50.0	0.0	0.0	50.0	50.0
AVERAGE	1969	6381	97.7	579	98.1	4161	95.5	651	96.7	399	87.7	0	0.0
	1968	6705	97.9	474	97.9	3348	95.6	459	96.0	147	94.6	147	89.1

* TEST WEIGHT IN POUNDS.

RYE
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS

STATES	GRADE				SPECIAL GRADES					
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NUMBER	WEEV- ILY NUMBER	ERGOTY NUMBER	PLUMP NUMBER
MINNESOTA	785	1211	219	27	15	2256	93	0	11	1098
NEBRASKA	35	50	11	0	3	98	23	0	0	89
NORTH DAKOTA	57	45	9	5	2	117	2	0	2	32
PENNSYLVANIA	0	2	6	9	24	41	20	0	0	41
SOUTH DAKOTA	192	102	11	2	2	308	0	0	0	144
WASHINGTON	57	23	15	2	0	96	0	0	0	81
WISCONSIN	237	236	20	6	2	500	6	0	8	198
ALL STATES	1362	1667	290	50	47	3414	143	0	20	1682
% 1969 CROP YEAR	39.9	48.8	8.5	1.4	1.4	100.0	4.2	0.0	0.6	49.3
% 1968 CROP YEAR	49.6	38.6	8.1	2.2	1.6	100.0	8.5	0.0	3.7	58.2
% 1967 CROP YEAR	70.4	22.7	4.3	1.5	1.1	100.0	5.9	0.0	7.2	60.1

RYE THE 1969 RYE CROP QUALITY DECREASED SLIGHTLY FROM 1968 CROP WITH 9 PERCENT LESS GRADING NO. 1, HOWEVER, ABOUT THE SAME PERCENTAGE GRADED NO. 2 OR BETTER IN 1969 AND 1968. BOTH OF THESE YEARS DID NOT COMPARE WITH THE HIGH QUALITY 1967 CROP, WHICH HAD 5 PERCENT MORE GRADING NO. 2 OR BETTER. ERGOTY RYE DECLINED TO A LOW LEVEL OF ONLY 0.6 PERCENT COMPARED WITH 3.7 PERCENT IN 1968 AND 7.2 PERCENT IN 1967. PLUMP RYE ALSO DECREASED IN THE 1969 CROP, BY NEARLY 9.0 PERCENT COMPARED TO THE 1968 CROP AND 10.8 PERCENT FROM THE 1967 CROP.

RYE
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP AND 1968 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	GRADE								ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 4		SAMPLE GRADE	
	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
DOCKAGE										
HIGH		3.5		7.5		8.0		3.5		3.5
LOW		0.0		0.0		0.0		0.0		0.0
AVERAGE	1969	254	363	1.6	98	1.8	26	1.7	21	1.7
	1968	1229	980	0.5	191	1.2	53	1.6	42	1.0
TEST WEIGHT *										
HIGH		60.0		60.0		58.5		57.3		56.7
LOW		56.0		54.0		52.0		49.3		43.0
AVERAGE	1969	1361	1667	55.1	290	53.6	50	52.3	47	50.5
	1968	1371	1068	55.3	224	53.9	60	53.0	44	53.7
MOISTURE										
HIGH		15.3		16.0		15.5		16.0		22.5
LOW		9.4		9.9		10.3		11.2		11.2
AVERAGE	1969	1307	1643	12.5	275	12.5	48	13.5	47	15.2
	1968	1365	1064	12.9	224	13.6	60	13.6	44	14.9
HEAT DAMAGE										
HIGH		0.0		0.0		0.0		0.0		0.0
LOW		0.0		0.0		0.0		0.0		0.0
AVERAGE	1969	0	0	0.0	0	0.0	0	0.0	0	0.0
	1968	0	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL DAMAGE										
HIGH		2.0		4.0		7.0		14.6		29.4
LOW		0.2		0.2		0.3		0.7		0.2
AVERAGE	1969	35	62	1.8	30	4.5	27	8.2	36	19.5
	1968	6	36	2.7	54	4.1	47	9.6	18	13.4
FOREIGN MATERIAL										
HIGH		3.0		6.0		10.0		5.4		11.4
LOW		0.1		0.2		0.5		0.2		0.1
AVERAGE	1969	252	260	1.4	44	4.3	14	1.5	29	1.3
	1968	152	126	1.6	54	2.6	18	2.1	6	5.3
FOR. MAT. NOT WHEAT										
HIGH		1.0		2.0		4.0		5.3		1.3
LOW		0.1		0.1		0.2		0.2		0.1
AVERAGE	1969	90	162	1.1	29	1.9	15	1.6	27	0.3
	1968	162	194	1.1	69	1.7	20	1.4	6	2.5
THIN										
HIGH		10.0		15.0		20.0		24.8		8.0
LOW		0.5		0.4		0.6		1.2		1.0
AVERAGE	1969	971	1220	6.9	260	8.6	44	8.7	24	3.0
	1968	804	582	6.9	138	6.7	39	5.5	20	6.2

* TEST WEIGHT IN POUNDS.

SOYBEANS
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS

STATES	GRADE				SAMPLE GRADE NUMBER	TOTAL NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
ALABAMA	816	1608	1296	720	528	4968
ARKANSAS	648	792	648	276	300	2664
ILLINOIS	4380	8172	3528	1476	828	18384
INDIANA	768	1728	636	216	36	3384
IOWA	5264	9864	4140	768	468	24504
KANSAS	888	2592	912	432	240	5064
KENTUCKY	156	780	276	168	36	1416
LOUISIANA	672	4884	1740	540	216	8052
MARYLAND	2364	888	936	144	24	4356
MINNESOTA	2076	4224	4908	1620	672	13500
MISSISSIPPI	312	804	408	144	204	1872
MISSOURI	912	3408	1068	564	192	6144
NEBRASKA	1572	3444	708	204	180	6108
OHIO	4740	10728	6612	1056	528	23664
SOUTH CAROLINA	336	864	600	120	24	1944
TENNESSEE	1332	3984	1968	648	444	8376
VIRGINIA	636	4164	2772	828	180	8580
ALL STATES	31872	62928	33156	9924	5100	142980
% 1969 CROP YEAR	22.3	44.0	23.2	6.9	3.6	100.0
% 1968 CROP YEAR	17.8	46.9	22.2	8.6	4.5	100.0
% 1967 CROP YEAR	29.9	41.8	19.1	6.8	2.4	100.0

SOYBEANS SOYBEAN QUALITY WAS ABOVE THE 1968 CROP, BUT BELOW THE QUALITY OF THE 1967 CROP. THE 1969 CROP HAD NEARLY 2 PERCENT MORE GRADING NO. 2 OR BETTER THAN THE 1968 CROP, BUT AROUND 5 PERCENT LESS THAN THE 1967 CROP. THE 1969 GRADING FACTORS, EXCEPT SPLITS WHICH AVERAGED ABOUT 1.3 PERCENT LOWER, ARE ABOUT THE SAME AS 1968. WET CONDITIONS PREVAILED IN MANY OF THE PRODUCING STATES CAUSING THE AVERAGE MOISTURE TO SLIGHTLY EXCEED THE 1968 AND 1967 CROPS. THE MOISTURE OF SAMPLE GRADE SOYBEANS DECREASED 0.9 PERCENT TO 13.9 PERCENT IN 1969, COMPARED TO 14.8 PERCENT IN 1968.

SOYBEANS
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP AND 1968 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	GRADE										ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 4		SAMPLE GRADE		NO.	PCT.
TEST WEIGHT *	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
HIGH		59.2		59.7		59.7		59.7		60.7		60.7
LOW		56.2		54.2		52.2		49.7		42.2		42.2
AVERAGE	1969	27720	60924	56.1	31536	56.2	9516	56.2	4932	56.1	134628	56.3
	1968	19380	51096	56.0	24240	55.8	9348	55.8	4920	55.6	108984	56.1
MOISTURE												
HIGH		13.0		14.0		16.0		18.0		20.0		20.0
LOW		8.9		9.0		9.5		9.2		10.2		8.9
AVERAGE	1969	31872	62916	12.9	33156	14.1	9912	14.0	5052	13.9	142908	13.1
	1968	19380	51096	12.7	24240	13.6	9360	13.7	4920	14.8	108996	13.0
HEAT DAMAGE												
HIGH		0.2		0.5		1.0		3.0		8.2		8.2
LOW		0.1		0.1		0.1		0.1		0.1		0.1
AVERAGE	1969	48.	312	0.3	336	0.6	192	1.1	348	2.7	1236	1.2
	1968	0	96	0.4	180	0.5	84	0.6	180	2.3	540	1.1
TOTAL DAMAGE												
HIGH		2.0		3.0		5.0		8.0		38.2		38.2
LOW		0.1		0.1		0.2		0.1		0.4		0.1
AVERAGE	1969	8748	29364	1.1	13212	1.4	5220	1.5	2772	2.7	59316	1.2
	1968	8736	27792	1.4	15264	2.0	6144	2.5	3036	4.0	60972	1.7
FOREIGN MATERIAL												
HIGH		1.0		2.0		3.0		5.0		20.0		20.0
LOW		0.0		0.1		0.1		0.1		0.1		0.0
AVERAGE	1969	31356	62712	1.1	32916	1.6	9888	3.4	5100	6.6	141972	1.5
	1968	19356	51000	1.2	24204	1.7	9360	3.2	4920	5.1	108840	1.6
BROWN, BLACK, BICOLORED												
HIGH		0.0		1.8		0.0		0.0		0.0		1.8
LOW		0.0		1.8		0.0		0.0		0.0		1.8
AVERAGE	1969	0	12	1.8	0	0.0	0	0.0	0	0.0	12	1.8
	1968	0	12	1.5	12	3.0	0	0.0	0	0.0	24	2.2
SPLITS												
HIGH		10.0		20.0		30.0		34.0		56.0		56.0
LOW		0.0		0.5		1.0		1.0		1.0		0.0
AVERAGE	1969	25080	56592	7.2	28860	6.3	8580	7.6	4344	8.6	123456	6.7
	1968	16968	47220	8.3	21612	8.6	8328	8.4	4524	8.0	98652	8.0

* TEST WEIGHT IN POUNDS.

SOYBEANS TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

GRADE

POUNDS

	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
60.0 AND OVER	0	0	0	0	60	60
59.0 - 59.9	60	48	60	72	108	348
58.0 - 58.9	1584	1260	1008	504	432	4788
57.0 - 57.9	9072	9324	6480	2028	948	27852
56.0 - 56.9	17004	23076	12636	3660	1428	57804
55.0 - 55.9	0	22716	8100	2076	1020	33912
54.0 - 54.9	0	4500	2484	840	468	8292
53.0 - 53.9	0	0	684	228	288	1200
52.0 - 52.9	0	0	84	60	60	204
51.0 - 51.9	0	0	0	24	36	60
50.0 - 50.9	0	0	0	12	36	48
49.0 - 49.9	0	0	0	12	36	48
48.9 AND UNDER	0	0	0	0	12	12
NO INFORMATION	4152	2004	1620	408	168	8352
MEAN 1969	56.8	56.1	56.2	56.2	56.1	56.3
MEAN 1968	56.8	56.0	55.8	55.8	55.6	56.1
MEAN 1967	56.8	56.3	56.0	56.1	56.2	56.4

SOYBEANS MOISTURE
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
10.0 AND UNDER	384	420	24	48	0	876
10.1 - 12.0	11928	11916	2700	1344	828	28716
12.1 - 13.0	19560	21024	5088	2232	1056	48960
13.1 - 13.5	0	15264	2148	1248	552	19212
13.6 - 14.0	0	14292	2040	1092	720	18144
14.1 - 14.5	0	0	8724	636	384	9744
14.6 - 15.0	0	0	6996	588	432	8016
15.1 - 15.5	0	0	3228	444	228	3900
15.6 - 16.0	0	0	2208	336	252	2796
16.1 - 16.5	0	0	0	756	144	900
16.6 - 17.5	0	0	0	708	132	840
17.6 - 18.0	0	0	0	252	84	336
18.1 - 20.0	0	0	0	228	48	276
20.1 AND OVER	0	0	0	0	192	192
NO INFORMATION	0	12	0	12	12	36
MEAN 1969	12.2	12.9	14.1	14.0	13.9	13.1
MEAN 1968	12.2	12.7	13.6	13.7	14.8	13.0
MEAN 1967	11.6	12.2	13.2	13.1	13.0	12.3

SOYBEANS SPLITS
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	GRADE				SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
0.0	12	0	0	0	0	12
0.1 - 2.0	2676	5664	4800	1476	372	14988
2.1 - 4.0	7752	12708	8268	1704	984	31416
4.1 - 6.0	7044	10908	5400	1428	612	25392
6.1 - 8.0	4632	9144	3636	1032	696	19140
8.1 - 10.0	2964	7056	2868	1068	720	14676
10.1 - 12.0	0	3780	1128	540	204	5652
12.1 - 14.0	0	3336	1008	432	144	4920
14.1 - 16.0	0	1920	540	228	168	2856
16.1 - 18.0	0	1164	252	228	84	1728
18.1 - 20.0	0	912	252	168	156	1488
20.1 - 25.0	0	0	588	132	96	816
25.1 - 30.0	0	0	120	108	36	264
30.1 - 35.0	0	0	0	36	36	72
35.1 - 40.0	0	0	0	0	0	0
40.1 AND OVER	0	0	0	0	36	36
NO INFORMATION	6792	6336	4296	1344	756	19524
MEAN 1969	5.3	7.2	6.3	7.6	8.6	6.7
MEAN 1968	5.9	8.3	8.6	8.4	8.0	8.0
MEAN 1967	5.9	8.0	7.9	8.6	8.9	7.4

SOYBEANS TOTAL DAMAGE
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
0.0	0	0	0	0	0	0
0.1 - 0.5	3264	7068	1704	636	132	12804
0.6 - 1.0	4080	12156	4620	1800	756	23412
1.1 - 1.5	660	3672	1968	936	552	7788
1.6 - 2.0	744	4584	2976	1080	612	9996
2.1 - 2.5	0	1284	732	312	84	2412
2.6 - 3.0	0	600	624	108	120	1452
3.1 - 3.5	0	0	168	96	60	324
3.6 - 4.0	0	0	192	48	84	324
4.1 - 4.5	0	0	156	36	48	240
4.6 - 5.0	0	0	72	0	24	96
5.1 - 6.0	0	0	0	84	36	120
6.1 - 7.0	0	0	0	12	12	24
7.1 - 8.0	0	0	0	72	12	84
8.1 - 9.0	0	0	0	0	24	24
9.1 - 10.0	0	0	0	0	96	96
10.1 AND OVER	0	0	0	0	120	120
NO INFORMATION	23124	33564	19944	4704	2328	83664
MEAN 1969	0.8	1.1	1.4	1.5	2.7	1.2
MEAN 1968	0.9	1.4	2.0	2.5	4.0	1.7
MEAN 1967	1.0	1.4	1.8	2.2	3.3	1.5

SOYBEANS FOREIGN MATERIAL
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	GRADE				SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
0.0	12	0	0	0	0	12
0.1 - 0.2	1896	2244	996	60	24	5220
0.3 - 0.4	4788	5148	2184	168	36	12324
0.5 - 0.6	6264	6060	2532	216	60	15132
0.7 - 0.8	7332	7512	3324	252	72	18492
0.9 - 1.0	11064	12576	4032	264	264	28200
1.1 - 1.2	0	2460	672	96	0	3228
1.3 - 1.4	0	8724	1992	204	72	10992
1.5 - 1.6	0	6348	1248	156	72	7824
1.7 - 1.8	0	5004	1140	96	60	6300
1.9 - 2.0	0	6636	1572	156	72	8436
2.1 - 2.5	0	0	6456	240	60	6756
2.6 - 3.0	0	0	6768	120	84	6972
3.1 - 3.5	0	0	0	2544	12	2556
3.6 - 4.0	0	0	0	2604	36	2640
4.1 - 4.5	0	0	0	1188	36	1224
4.6 - 5.0	0	0	0	1524	12	1536
5.1 - 6.0	0	0	0	0	1368	1368
6.1 AND OVER	0	0	0	0	2760	2760
NO INFORMATION	516	216	240	36	0	1008
MEAN 1969	0.7	1.1	1.6	3.4	6.6	1.5
MEAN 1968	0.7	1.2	1.7	3.2	5.1	1.6
MEAN 1967	0.8	1.3	1.9	3.5	6.3	1.5

DURUM WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS

STATES	GRADES										SPECIAL GRADES						SUBCLASSES					
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		SAMPLE		TOTAL		TOUGH		WEEV-ILY		HARD		RED	
	NUMBER	NO. 1	NUMBER	NO. 2	NUMBER	NO. 3	NUMBER	NO. 4	NUMBER	NO. 5	NUMBER	GRADE	NUMBER	NUMBER	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
MINNESOTA	344	146	173	236	21	167	39	12	30	1166	9	0	0	1007	107	53	0	0	0	0	0	0
MONTANA	182	35	63	51	11	12	6	0	2	360	0	0	0	318	38	5	0	0	0	0	0	0
NORTH DAKOTA	1587	510	345	500	47	213	86	35	50	3371	57	2	0	3098	173	101	0	0	0	0	0	0
SOUTH DAKOTA	6	9	6	39	5	14	3	0	0	81	0	2	0	66	14	2	0	0	0	0	0	0
WISCONSIN	455	402	299	1121	50	315	128	38	74	2879	134	0	0	2429	362	89	0	0	0	0	0	0
ALL STATES	2573	1101	885	1946	132	720	261	84	155	7856	200	3	0	6917	692	248	0	0	0	0	0	0
% 1969 CROP YEAR	32.7	14.0	11.3	24.8	1.7	9.2	3.3	1.1	2.0	100.0	2.5	0.0	0.0	88.0	8.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0
*% 1968 CROP YEAR	14.8	13.0	8.1	32.5	1.3	15.6	6.4	2.6	5.7	100.0	11.4	0.0	0.0	65.7	21.7	12.6	0.0	0.0	0.0	0.0	0.0	0.0
% 1967 CROP YEAR	11.1	9.0	13.3	38.2	2.3	13.6	3.8	0.3	8.5	100.0	0.3	0.0	0.0	99.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0

* NORTH DAKOTA NOT INCLUDED.

DURUM QUALITY OF DURUM WHEAT IN 1969 HAS SUBSTANTIALLY INCREASED OVER THE TWO PREVIOUS YEARS. THERE WAS 18.9 PERCENT MORE NO. 1 THAN IN 1968 AND 26.6 PERCENT MORE THAN 1967. THERE WAS ALSO A SIGNIFICANT IMPROVEMENT IN SUBCLASS IN 1969, WITH 22.3 PERCENT MORE GRADING HARD AMBER DURUM THAN IN 1968. THE AVERAGE TEST WEIGHT IN 1969 INCREASED 1.0 POUND OVER 1968. AVERAGE MOISTURE IN 1969 WAS DOWN 0.7 PERCENT FROM 1968 WHICH HELPED REDUCE THE SAMPLES GRADING TOUGH BY 8.9 PERCENT AS COMPARED TO 1968. MEAN TOTAL DEFECTS FOR 1969 WAS 1.3 PERCENT LESS THAN 1968 BUT 0.3 PERCENT MORE THAN 1967.

DURUM WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP AND 1968 CROP AVERAGE
ALL INSPECTIONS
ALL STATES **

QUALITY FACTOR	GRADE										SAMPLE GRADE	ALL GRADES	
	NO. 1 HEAVY	NO. 1 PCT.	NO. 2 HEAVY	NO. 2 PCT.	NO. 3 HEAVY	NO. 3 PCT.	NO. 4 PCT.	NO. 5 PCT.	NO. 6 PCT.	NO. 7 PCT.	NO. 8 PCT.	NO.	PCT.
DOCKAGE													
HIGH	6.2	9.2	5.2	18.7	5.7	9.7	7.2	5.2	6.2	18.7			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
AVERAGE	1971 0.9	780 1.3	698 1.0	1388 1.4	105 1.3	551 1.6	201 1.5	56 1.3	116 1.4	5864 1.2			
1968	375 1.1	288 1.6	207 1.1	873 1.3	33 1.0	429 1.2	168 1.2	81 1.4	159 1.2	2613 1.3			
TEST WEIGHT *													
HIGH	65.7	62.0	65.5	62.0	64.3	62.0	64.0	62.7	63.3	65.7			
LOW	62.1	60.0	62.1	58.0	62.1	56.0	54.7	55.5	54.0	61.7			
AVERAGE	2573 63.2	1101 61.2	885 62.8	1946 60.5	132 62.8	720 59.8	261 60.3	84 59.3	155 59.2	7856 61.7			
1968	585 62.9	516 60.8	321 62.7	1290 60.3	51 62.9	618 59.8	255 59.6	102 57.8	228 58.5	3966 60.7			
MOISTURE													
HIGH	14.2	14.2	13.2	14.9	13.2	15.0	14.4	14.0	14.6	15.0			
LOW	9.2	9.2	8.9	8.5	9.8	9.0	9.5	10.5	9.1	8.5			
AVERAGE	2391 11.1	1068 12.0	822 11.1	1899 12.3	122 11.8	708 12.2	255 12.2	84 12.6	153 12.3	7502 11.7			
1968	585 12.0	516 12.5	321 11.8	1290 12.3	51 11.8	618 12.6	255 13.0	102 13.2	228 12.7	3966 12.4			
HEAT DAMAGE													
HIGH	0.0	0.0	0.0	0.1	0.0	0.5	0.0	0.2	2.0	2.0			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.0	0.0			
AVERAGE	6 0.0	9 0.0	6 0.0	41 0.0	5 0.0	18 0.1	3 0.0	2 0.2	2 2.0	90 0.1			
1968	33 0.0	66 0.0	21 0.0	84 0.0	6 0.0	30 0.0	15 0.0	0 0.0	3 0.0	258 0.0			
TOTAL DAMAGE													
HIGH	1.9	1.8	3.5	4.0	6.2	7.0	10.0	15.0	70.0	70.0			
LOW	0.0	0.0	0.2	0.1	0.2	0.2	0.2	0.8	0.2	0.0			
AVERAGE	477 0.6	375 0.7	608 1.0	1733 1.3	93 1.6	672 2.9	224 4.3	83 11.3	140 14.3	4403 2.2			
1968	57 0.3	117 0.5	264 1.0	1209 1.5	36 1.4	600 3.3	252 6.5	102 11.2	228 13.6	2865 3.5			
FOREIGN MATERIAL													
HIGH	0.5	0.5	1.0	1.0	2.0	2.0	3.0	5.0	7.4	7.4			
LOW	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.0			
AVERAGE	540 0.3	381 0.3	770 0.5	1821 0.4	105 1.0	675 0.6	222 0.9	84 1.1	141 0.7	4739 0.5			
1968	57 0.2	117 0.2	282 0.5	1224 0.4	36 1.1	600 0.5	252 0.6	102 0.6	228 0.5	2898 0.5			
SHRUNKEN & BROKEN													
HIGH	2.9	2.8	4.8	4.9	5.4	6.7	9.8	3.5	16.6	16.6			
LOW	0.0	0.0	0.6	0.3	0.8	0.3	0.5	0.4	0.2	0.0			
AVERAGE	542 1.5	381 1.5	699 2.4	1823 2.2	96 2.2	677 2.3	225 2.0	84 1.7	140 1.9	4665 2.1			
1968	57 1.4	117 0.9	267 2.1	1230 2.1	36 2.0	600 2.1	252 1.7	102 1.7	228 1.9	2889 2.0			
TOTAL DEFECTS													
HIGH	3.0	3.0	5.0	5.0	7.8	8.0	12.0	14.8	14.2	14.8			
LOW	0.0	0.0	1.4	1.5	2.0	2.5	2.0	5.0	2.3	0.0			
AVERAGE	539 2.4	381 2.6	672 3.7	1797 3.9	96 4.6	674 5.8	224 7.1	84 14.0	140 17.0	4605 4.6			
1968	57 1.9	117 1.6	264 3.6	1212 3.9	36 4.5	600 5.9	252 8.9	102 13.5	228 16.0	2868 5.9			
CONTRASTING CLASSES													
HIGH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
AVERAGE	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0			
1968	36 0.0	69 0.0	102 1.1	258 0.9	27 2.1	159 1.5	87 3.1	9 2.2	48 1.7	795 1.3			
OTHER CLASSES													
HIGH	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	1.3			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
AVERAGE	6 0.0	9 0.0	6 0.0	41 0.0	5 0.0	14 0.0	3 0.0	0 0.0	0 0.0	83 0.0			
1968	33 0.0	66 0.0	21 0.0	84 0.0	6 0.0	27 0.0	15 0.0	0 0.0	3 0.0	255 0.0			

* TEST WEIGHT IN POUNDS.

** 1968 NORTH DAKOTA NOT INCLUDED.

OURUM WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	GRADE			NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 2 NUMBER	NO. 3 HEAVY NUMBER					
65.0 - 68.0	15	0	2	0	0	0	0	0	0	0	17
62.0 - 64.9	2558	237	884	224	224	132	50	71	3	23	4179
60.0 - 61.9	0	864	0	1224	1224	0	369	104	32	38	2630
59.0 - 59.9	0	0	0	329	329	0	131	38	23	20	539
58.0 - 58.9	0	0	0	170	170	0	44	12	17	36	278
57.0 - 57.9	0	0	0	0	0	0	86	8	9	18	120
56.0 - 56.9	0	0	0	0	0	0	42	11	0	12	65
55.0 - 55.9	0	0	0	0	0	0	0	17	2	6	24
54.0 - 54.9	0	0	0	0	0	0	0	3	0	3	6
53.0 - 53.9	0	0	0	0	0	0	0	0	0	0	0
52.0 - 52.9	0	0	0	0	0	0	0	0	0	0	0
51.0 - 51.9	0	0	0	0	0	0	0	0	0	0	0
50.0 - 50.9	0	0	0	0	0	0	0	0	0	0	0
49.0 - 49.9	0	0	0	0	0	0	0	0	0	0	0
45.0 - 48.9	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	0	0	0	0	0	0	0	0	0	0	0
MEAN 1969	63.2	61.2	62.8	60.5	60.5	62.8	59.8	60.3	59.3	59.2	61.7
*MEAN 1968	62.9	60.8	62.7	60.3	60.3	62.9	59.8	59.6	57.8	58.5	60.7
**MEAN 1967	62.8	60.8	62.5	60.6	60.6	62.4	60.0	60.2	59.5	60.6	61.1

* NORTH DAKOTA NOT INCLUDED.
** NORTH DAKOTA AND SOUTH DAKOTA NOT INCLUDED.

DURUM WHEAT MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	GRADE			NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER						
6.5 - 9.0	0	0	2	2	2	0	2	2	0	0	0	5
9.1 - 10.0	104	24	63	42	42	9	32	9	0	0	3	285
10.1 - 10.5	365	71	95	69	69	12	33	11	2	2	5	665
10.6 - 11.0	756	126	245	144	144	36	63	17	2	2	12	1400
11.1 - 11.5	608	135	212	209	209	29	66	29	8	8	5	1302
11.6 - 12.0	378	219	153	305	305	23	95	41	5	5	21	1238
12.1 - 12.5	129	165	39	314	314	8	107	36	23	23	33	852
12.6 - 13.0	44	192	14	420	420	5	138	56	24	24	33	924
13.1 - 13.5	8	119	2	299	299	2	126	36	21	21	23	633
13.6 - 14.0	0	17	0	72	72	0	29	18	2	2	6	143
14.1 - 14.5	2	2	0	21	21	0	14	5	0	0	3	45
14.6 - 15.0	0	0	0	5	5	0	6	0	0	0	2	12
15.1 - 16.0	0	0	0	0	0	0	0	0	0	0	0	0
16.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	182	33	63	47	47	11	12	6	0	0	2	354
MEAN 1969	11.1	12.0	11.1	12.3	12.3	11.2	12.2	12.2	12.6	12.6	12.3	11.7
*MEAN 1968	12.0	12.5	11.8	12.4	12.4	11.8	12.6	13.0	13.2	13.2	12.7	12.4
**MEAN 1967	11.0	11.5	11.2	11.5	11.5	11.2	11.5	11.5	12.6	12.6	11.3	11.4

* 1968 NORTH DAKOTA NOT INCLUDED.

** 1967 NORTH DAKOTA AND SOUTH DAKOTA NOT INCLUDED.

DURUM WHEAT TOTAL DAMAGE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY		NO. 1		NO. 2 HEAVY		NO. 2		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES NUMBER
	NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		
.0	6		3		0		0		0		0		0		0		0		9
.1 - 1.0	444		318		431		810		56		131		62		3		35		2288
1.1 - 1.5	24		47		77		315		5		53		14		3		8		543
1.6 - 2.0	3		8		51		308		5		71		14		0		5		462
2.1 - 2.5	0		0		33		161		5		36		8		2		0		243
2.6 - 3.0	0		0		8		104		8		86		6		0		2		213
3.1 - 3.5	0		0		9		26		3		60		6		2		2		107
3.6 - 4.0	0		0		0		11		8		78		3		2		3		104
4.1 - 4.5	0		0		0		0		2		53		6		0		0		62
4.6 - 5.0	0		0		0		0		2		38		3		0		0		42
5.1 - 6.0	0		0		0		0		2		53		12		2		3		71
6.1 - 7.0	0		0		0		0		2		17		32		0		2		51
7.1 - 8.0	0		0		0		0		0		0		29		0		0		29
8.1 - 10.0	0		0		0		0		0		0		29		8		5		41
10.1 - 12.5	0		0		0		0		0		0		0		24		5		29
12.6 - 15.0	0		0		0		0		0		0		0		39		2		41
15.1 AND OVER	0		0		0		0		0		0		0		0		72		72
NO INFORMATION	2096		726		278		213		39		48		36		2		15		3453
MEAN 1969	0.6		0.7		1.0		1.3		1.6		2.9		4.3		11.3		14.3		2.2
*MEAN 1968	0.3		0.5		1.0		1.5		1.4		3.3		6.5		11.2		13.6		3.5
**MFAN 1967	0.4		0.4		0.9		0.8		1.1		1.5		2.7		12.0		1.7		1.1

* NORTH DAKOTA NOT INCLUDED.
** NORTH DAKOTA AND SOUTH DAKOTA NOT INCLUDED.

DURUM WHEAT FOREIGN MATERIAL
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		NO. 3 HEAVY		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0	5	3	0	0	0	0	0	0	0	0	0	0	8	
0.1 - 0.5	536	378	492	1475	45	447	140	56	3672	105	105	3672		
0.6 - 1.0	0	0	278	347	8	132	27	12	828	26	26	828		
1.1 - 1.5	0	0	0	0	32	65	9	2	108	2	2	108		
1.6 - 2.0	0	0	0	0	21	32	8	0	62	2	2	62		
2.1 - 2.5	0	0	0	0	0	0	24	0	26	2	2	26		
2.6 - 3.0	0	0	0	0	0	0	15	2	17	0	0	17		
3.1 - 3.5	0	0	0	0	0	0	0	3	3	0	0	3		
3.6 - 4.0	0	0	0	0	0	0	0	6	6	0	0	6		
4.1 - 4.5	0	0	0	0	0	0	0	3	3	0	0	3		
4.6 - 5.0	0	0	0	0	0	0	0	2	2	0	0	2		
5.1 - 6.0	0	0	0	0	0	0	0	0	2	2	2	2		
6.1 - 8.0	0	0	0	0	0	0	0	0	5	5	5	5		
8.1 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0		
10.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0		
NO INFORMATION	2033	720	116	125	27	45	39	0	3117	14	14	3117		
MEAN 1969	0.3	0.3	0.5	0.4	1.0	0.6	0.9	1.1	0.5	0.7	0.7	0.5		
*MEAN 1968	0.2	0.2	0.5	0.4	1.1	0.5	0.6	0.6	0.5	0.5	0.5	0.5		
**MEAN 1967	0.3	0.2	0.4	0.4	0.8	0.5	0.8	0.5	0.4	0.4	0.4	0.4		

* NORTH DAKOTA NOT INCLUDED.
** NORTH DAKOTA AND SOUTH DAKOTA NOT INCLUDED.

DURUM WHEAT SHRUNKEN AND BROKEN KERNELS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER		
0.0	5	3	0	0	0	0	0	0	0	0	0	0	0	8
0.1 - 1.0	98	62	36	132	9	65	32	14	38	483				
1.1 - 2.0	357	269	242	797	47	293	104	50	63	2219				
2.1 - 2.5	57	44	131	359	17	122	38	12	12	789				
2.6 - 3.0	26	5	132	279	8	62	29	8	8	554				
3.1 - 3.5	0	0	104	146	9	47	9	2	8	323				
3.6 - 4.0	0	0	41	81	0	39	9	0	9	179				
4.1 - 4.5	0	0	12	24	0	14	3	0	0	53				
4.6 - 5.0	0	0	3	6	5	24	0	0	0	38				
5.1 - 6.0	0	0	0	0	3	11	2	0	2	17				
6.1 - 7.0	0	0	0	0	0	3	0	0	0	3				
7.1 - 8.0	0	0	0	0	0	0	0	0	0	0				
8.1 - 9.0	0	0	0	0	0	0	0	0	0	0				
9.1 - 11.0	0	0	0	0	0	0	2	0	0	2				
11.1 - 12.0	0	0	0	0	0	0	0	0	0	0				
12.1 - 15.0	0	0	0	0	0	0	0	0	0	0				
15.1 - 20.0	0	0	0	0	0	0	0	0	2	2				
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0				
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0				
NO INFORMATION	2031	720	186	123	36	44	36	0	15	3191				
MEAN 1969	1.5	1.5	2.4	2.2	2.2	2.3	2.0	1.7	1.9	2.1				
*MEAN 1968	1.4	0.9	2.1	2.1	2.0	2.1	1.7	1.7	1.9	2.0				
**MEAN 1967	1.9	2.1	2.6	2.8	2.6	3.8	2.8	2.2	2.8	2.8				

* NORTH DAKOTA NOT INCLUDED.
** NORTH DAKOTA AND SOUTH DAKOTA NOT INCLUDED.

DURUM WHEAT TOTAL DEFECTS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		GRADE NO. 2		GRADE NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NO. 1 NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0	5	3	0	0	0	0	0	0	0	0	0	0	0	0	8	8
0.1 - 1.0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
1.1 - 2.0	140	39	8	5	5	2	0	0	2	0	0	0	0	0	194	194
2.1 - 2.5	156	93	21	36	36	6	2	2	6	0	0	0	5	5	324	324
2.6 - 3.0	231	246	51	102	102	11	9	6	6	0	0	0	9	9	665	665
3.1 - 3.5	0	0	204	450	450	12	21	8	8	0	0	0	9	9	704	704
3.6 - 4.0	0	0	242	587	587	15	33	20	20	0	0	0	3	3	899	899
4.1 - 4.5	0	0	87	314	314	0	45	20	20	0	0	0	5	5	470	470
4.6 - 5.0	0	0	60	305	305	14	47	15	15	2	2	2	5	5	446	446
5.1 - 6.0	0	0	0	0	0	23	263	18	18	0	0	0	6	6	309	309
6.1 - 7.0	0	0	0	0	0	8	144	14	14	3	3	3	6	6	174	174
7.1 - 8.0	0	0	0	0	0	8	111	5	5	2	2	2	2	2	126	126
8.1 - 9.0	0	0	0	0	0	0	0	48	48	2	2	2	5	5	54	54
9.1 - 11.0	0	0	0	0	0	0	0	47	47	3	3	3	5	5	54	54
11.1 - 12.0	0	0	0	0	0	0	0	18	18	3	3	3	0	0	21	21
12.1 - 15.0	0	0	0	0	0	0	0	0	0	33	33	33	8	8	41	41
15.1 - 20.0	0	0	0	0	0	0	0	0	0	38	38	38	23	23	60	60
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0	18	18	18	18
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35
NO INFORMATION	2034	720	213	149	149	36	47	38	38	0	0	0	15	15	3251	3251
MEAN 1969	2.4	2.6	3.7	3.9	3.9	4.6	5.8	7.1	7.1	14.0	14.0	14.0	17.0	17.0	4.6	4.6
*MEAN 1968	1.9	1.6	3.6	3.9	3.9	4.5	5.9	8.9	8.9	13.5	13.5	13.5	16.0	16.0	5.9	5.9
**MEAN 1967	2.7	2.7	3.8	3.8	3.8	4.5	5.9	6.3	6.3	14.7	14.7	14.7	4.8	4.8	4.3	4.3

* NORTH DAKOTA NOT INCLUDED.

** NORTH DAKOTA AND SOUTH DAKOTA NOT INCLUDED.

HARD RED SPRING WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS

STATES	GRADES										SPECIAL GRADES				SUBCLASSES			
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		SAMPLE GRADE	TOTAL	TOUGH	WEEV-ILY	GAR-LICKY	DARK NORTH-RED		
	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER							NUMBER	NUMBER
IDAHO	21	6	6	0	3	3	0	0	0	0	39	0	0	0	0	0		
IOWA	18	99	0	132	3	90	12	9	0	0	363	18	0	0	0	294 69 0		
MINNESOTA	2880	1005	753	726	45	138	48	9	60	5664	105	9	0	0	0	5655 9 0		
MONTANA	1176	246	486	327	57	168	51	12	0	2523	9	0	0	0	0	2508 15 0		
NORTH DAKOTA	3429	906	300	327	24	87	24	3	15	5115	39	0	0	0	0	4755 360 0		
OREGON	3	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3 0 0		
SOUTH DAKOTA	378	294	132	348	6	81	12	3	3	1257	0	0	0	0	0	1155 102 0		
WASHINGTON	9	0	0	0	6	0	0	0	0	15	0	0	0	0	0	15 0 0		
WISCONSIN	2529	591	699	333	57	78	48	6	24	4365	66	0	0	0	0	4017 348 0		
ALL STATES	10443	3147	2376	2193	201	645	195	42	102	19344	237	9	0	0	0	18441 903 0		
% 1969 CROP YEAR	54.0	16.3	12.3	11.3	1.0	3.3	1.0	0.2	0.5	100.0	1.2	0.0	0.0	0.0	0.0	95.3 4.7 0.0		
% 1968 CROP YEAR	24.2	33.6	7.1	24.6	1.3	6.9	0.8	0.6	0.8	100.0	14.7	0.1	0.0	0.0	0.0	94.1 5.9 0.0		
% 1967 CROP YEAR	33.0	12.1	22.9	19.8	2.8	6.9	1.4	0.1	1.0	100.0	0.7	0.0	0.0	0.0	0.0	99.7 0.3 0.0		

* IDAHO AND NORTH DAKOTA NOT INCLUDED.

HARD RED SPRING THE 1969 CROP HAD AN INCREASE OF 12.5 PERCENT OF SAMPLES GRADING NO. 1 OVER 1968 AND 25.2 PERCENT OVER 1967. AN INCREASE WAS SHOWN IN THE PERCENTAGE OF HEAVY IN GRADES NO. 1, 2, AND 3, WHICH MORE THAN DOUBLED IN 1969 FROM 1968 AND WAS 8.6 PERCENT MORE THAN 1967. THE 1969 MEAN TEST WEIGHT WAS UP 0.8 OF A POUND FROM 1968. MEAN MOISTURE CONTENT WAS DOWN 1.1 PERCENT FROM 1968 ALMOST EQUAL TO THE 1967 CROP, AS A RESULT THE SPECIAL GRADE TOUGH ALSO DECREASED 13.5 PERCENT IN 1969 COMPARED TO 1968.

HARD RED SPRING WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP AND 1968 CROP AVERAGE
ALL INSPECTIONS
ALL STATES**

QUALITY FACTOR	GRADE										SAMPLE GRADE	ALL GRADES	
	NO. 1 HEAVY	NO. 1	NO. 2 HEAVY	NO. 2	NO. 3 HEAVY	NO. 3	NO. 4	NO. 5	NO. 5	NO. 5	NO. PCT.	NO.	PCT.
DOCKAGE													
HIGH	7.7	9.7	7.7	12.7	5.2	12.2	6.7	5.7	4.4				12.7
LOW	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.7	0.7				0.0
AVERAGE	8625	2775	2094	2010	180	621	177	42	78			16602	1.5
1968	2916	4230	900	3294	186	948	114	90	102			12780	1.4
TEST WEIGHT *													
HIGH	64.5	60.0	63.2	60.0	63.0	60.0	63.0	61.0	62.0				64.5
LOW	60.1	58.0	60.1	57.0	60.1	55.0	53.0	50.8	56.5				50.8
AVERAGE	10443	3144	2376	2193	201	645	195	42	102			19341	60.6
1968	3468	4818	1014	3528	186	984	120	90	114			14322	59.2
MOISTURE													
HIGH	14.6	14.8	14.0	14.5	12.9	16.3	14.7	14.0	14.6				16.3
LOW	7.2	8.7	8.4	8.6	8.9	8.1	7.7	10.9	9.2				7.2
AVERAGE	9270	2919	1899	1872	135	486	150	30	102			18863	11.4
1968	3468	4818	1014	3528	186	984	120	90	114			14322	12.5
HEAT DAMAGE													
HIGH	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0				0.2
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
AVERAGE	381	297	132	348	6	84	12	3	3			1266	0.0
1968	510	792	156	630	30	354	54	18	6			2550	0.0
TOTAL DAMAGE													
HIGH	1.5	1.7	3.5	3.6	4.0	6.0	9.0	10.2	58.0				58.0
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1				0.0
AVERAGE	2634	1143	1407	1494	102	444	126	27	54			7431	0.7
1968	642	1242	822	2544	139	804	96	78	108			6474	0.7
FOREIGN MATERIAL													
HIGH	0.5	0.5	1.0	1.0	2.0	2.0	3.0	5.0	5.4				5.4
LOW	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.3	0.2				0.0
AVERAGE	2907	1197	1845	1683	138	447	129	30	60			8436	0.4
1968	642	1260	948	2910	156	852	96	90	108			7062	0.5
SHRUNKEN & BROKEN													
HIGH	2.9	2.7	5.0	5.0	6.8	7.6	12.0	12.5	3.8				12.5
LOW	0.0	0.0	0.0	0.0	0.0	0.8	0.4	1.3	0.5				0.0
AVERAGE	2925	1197	2040	1998	159	573	165	39	63			9159	2.2
1968	642	1260	988	2802	150	852	96	90	108			5888	2.1
TOTAL DEFECTS													
HIGH	3.0	3.0	5.0	5.0	6.2	8.0	11.0	13.1	8.7				13.1
LOW	0.0	0.0	0.0	0.0	0.0	1.7	1.3	2.0	1.4				0.0
AVERAGE	2922	1197	1563	1608	120	450	135	30	60			8085	3.0
1968	642	1254	852	2712	150	846	96	90	108			6750	3.2
CONTRASTING CLASSES													
HIGH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
AVERAGE	0	0	0	0	0	0	0	0	0			0	0.0
1968	516	792	186	696	42	366	78	18	6			2700	0.1
OTHER CLASSES													
HIGH	0.0	0.0	4.2	5.0	10.0	0.0	0.0	0.0	0.0				10.0
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
AVERAGE	378	294	135	354	24	81	12	3	3			1284	0.1
1968	510	792	162	642	60	366	54	18	6			2610	0.1

* TEST WEIGHT IN POUNDS.

** 1968 IDAHO AND NORTH DAKOTA NOT INCLUDED.

HARD RED SPRING WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	GRADE			NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2	NO. 2	NO. 3						
65.0 - 68.0	0	0	0	0	0	0	0	0	0	0	0	0
62.0 - 64.9	2700	0	291	0	0	21	0	0	15	0	3	3030
60.0 - 61.9	7743	873	2085	411	180	183	51	57	30	9	54	11463
59.0 - 59.9	0	1515	0	963	0	183	0	12	18	12	18	2721
58.0 - 58.9	0	756	0	510	0	105	0	24	18	0	18	1413
57.0 - 57.9	0	0	0	309	0	60	0	15	6	0	6	390
56.0 - 56.9	0	0	0	0	0	189	0	0	3	0	3	192
55.0 - 55.9	0	0	0	0	0	57	0	12	0	6	0	75
54.0 - 54.9	0	0	0	0	0	0	0	30	0	0	0	30
53.0 - 53.9	0	0	0	0	0	0	0	12	0	0	0	12
52.0 - 52.9	0	0	0	0	0	0	0	0	0	6	0	6
51.0 - 51.9	0	0	0	0	0	0	0	0	0	6	0	6
50.0 - 50.9	0	0	0	0	0	0	0	0	3	0	0	3
49.0 - 49.9	0	0	0	0	0	0	0	0	0	0	0	0
45.0 - 48.9	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	0	3	0	0	0	0	0	0	0	0	0	3
MEAN 1969	61.4	59.3	61.1	59.0	61.1	57.8	58.3	56.3	55.7	60.6		
*MEAN 1968	60.8	58.9	60.7	58.2	61.0	57.1	57.3	57.8	57.6	59.2		
**MEAN 1967	61.2	59.1	60.9	58.8	60.8	57.5	56.7	59.0	55.7	60.0		

* 1968 IDAHO AND NORTH DAKOTA NOT INCLUDED.
** 1967 IDAHO, MINNESOTA, NORTH DAKOTA, AND SOUTH DAKOTA NOT INCLUDED.

HARD RED SPRING WHEAT MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	GRADE			NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 NUMBER	NO. 3 NUMBER						
6.5 - 9.0	45	6	12	6	3	3	3	3	3	0	0	78
9.1 - 10.0	477	174	168	261	9	27	9	12	12	0	6	1134
10.1 - 10.5	1074	159	267	189	6	33	6	33	3	0	15	1746
10.6 - 11.0	2289	330	369	246	33	63	33	63	15	12	12	3369
11.1 - 11.5	2238	372	492	252	33	72	33	72	15	0	15	3489
11.6 - 12.0	1767	552	330	339	18	81	18	81	24	3	27	3141
12.1 - 12.5	843	426	171	210	21	57	21	57	33	3	9	1773
12.6 - 13.0	375	507	72	222	12	72	12	72	30	9	3	1302
13.1 - 13.5	138	288	12	102	0	48	0	48	3	0	3	594
13.6 - 14.0	15	69	6	18	0	6	0	6	9	3	3	129
14.1 - 14.5	6	27	0	27	0	12	0	12	0	0	6	78
14.6 - 15.0	3	9	0	0	0	6	0	6	3	0	3	24
15.1 - 16.0	0	0	0	0	0	3	0	3	0	0	0	3
16.1 AND OVER	0	0	0	0	0	3	0	3	0	0	0	3
NO INFORMATION	1173	228	477	321	66	159	66	159	45	12	0	2481
MEAN 1969	11.3	11.9	11.2	11.5	11.4	11.9	11.4	11.9	11.9	12.0	11.7	11.4
*MEAN 1968	12.2	12.8	11.9	12.6	11.9	12.5	11.9	12.5	12.2	11.9	12.6	12.5
**MEAN 1967	11.4	11.5	11.0	10.9	11.3	11.0	11.3	11.0	12.1	0.0	11.7	11.2

* 1968 IDAHO AND NORTH DAKOTA NOT INCLUDED.

** 1967 IDAHO, MINNESOTA, NORTH DAKOTA, AND SOUTH DAKOTA NOT INCLUDED.

HARD RED SPRING WHEAT TOTAL DAMAGE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	GRADE		NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 HEAVY NUMBER					
.0	198	141	39	87	3	9	6	0	0	483
.1 - 1.0	2382	954	1134	1053	78	327	87	18	36	6069
1.1 - 1.5	54	45	105	96	6	12	0	3	0	321
1.6 - 2.0	0	3	72	120	0	18	6	0	6	225
2.1 - 2.5	0	0	33	72	9	6	0	0	3	123
2.6 - 3.0	0	0	18	54	0	18	0	0	0	90
3.1 - 3.5	0	0	6	9	3	12	0	0	0	30
3.6 - 4.0	0	0	0	3	3	12	3	0	0	21
4.1 - 4.5	0	0	0	0	0	6	0	0	0	6
4.6 - 5.0	0	0	0	0	0	15	0	0	0	15
5.1 - 6.0	0	0	0	0	0	9	3	0	0	12
6.1 - 7.0	0	0	0	0	0	0	9	0	0	9
7.1 - 8.0	0	0	0	0	0	0	6	0	0	6
8.1 - 10.0	0	0	0	0	0	0	6	3	0	9
10.1 - 12.5	0	0	0	0	0	0	0	3	0	3
12.6 - 15.0	0	0	0	0	0	0	0	0	0	0
15.1 AND OVER	0	0	0	0	0	0	0	0	5	9
NO INFORMATION	7809	2004	969	699	99	201	69	15	48	11913
MEAN 1969	0.4	0.4	0.6	0.8	0.8	1.1	1.9	2.6	8.5	0.7
*MEAN 1968	0.1	0.3	0.5	0.7	1.0	1.1	1.0	2.4	4.9	0.7
**MEAN 1967	0.6	0.5	1.3	0.8	3.1	1.2	6.2	0.0	4.0	1.1

* 1968 IDAHO AND NORTH DAKOTA NOT INCLUDED.

** 1967 IDAHO, MINNESOTA, NORTH DAKOTA, AND SOUTH DAKOTA NOT INCLUDED.

HARD RED SPRING WHEAT FOREIGN MATERIAL
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY		NO. 1		NO. 2 HEAVY		NO. 2		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER	
0.0	165		123		0		18		3		0		0		0		0		309	
0.1 - 0.5	2742		1074		1029		1209		48		252		66		12		42		6474	
0.6 - 1.0	0		0		816		456		12		81		21		0		9		1395	
1.1 - 1.5	0		0		0		0		48		66		3		0		3		120	
1.6 - 2.0	0		0		0		0		27		48		0		0		0		75	
2.1 - 2.5	0		0		0		0		0		0		24		0		0		24	
2.6 - 3.0	0		0		0		0		0		0		15		0		0		15	
3.1 - 3.5	0		0		0		0		0		0		0		6		0		6	
3.6 - 4.0	0		0		0		0		0		0		0		3		3		6	
4.1 - 4.5	0		0		0		0		0		0		0		3		0		3	
4.6 - 5.0	0		0		0		0		0		0		0		6		0		6	
5.1 - 6.0	0		0		0		0		0		0		0		0		3		3	
6.1 - 8.0	0		0		0		0		0		0		0		0		0		0	
8.1 - 10.0	0		0		0		0		0		0		0		0		0		0	
10.1 - 15.0	0		0		0		0		0		0		0		0		0		0	
NO INFORMATION	7536		1950		531		510		63		198		66		12		42		10908	
MEAN 1969	0.3		0.3		0.5		0.5		1.1		0.7		1.1		2.7		0.9		0.4	
*MEAN 1968	0.2		0.3		0.5		0.5		1.2		0.6		1.0		2.7		0.9		0.5	
**MEAN 1967	0.3		0.3		0.4		0.4		0.4		0.5		0.6		0.0		0.5		0.4	

* 1968 IDAHO AND NORTH DAKOTA NOT INCLUDED.

** 1967 IDAHO, MINNESOTA, NORTH DAKOTA, AND SOUTH DAKOTA NOT INCLUDED.

HARD RED SPRING WHEAT SHRUNKEN AND BROKEN KERNELS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	GRADE			NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
		NO. 1 NUMBER	NO. 2 HEAVY NUMBER	NO. 2 NUMBER						
0.0	165	123	9	27	3	0	0	0	0	327
0.1 - 1.0	492	234	30	108	12	24	12	0	15	927
1.1 - 2.0	1794	618	492	402	60	135	63	12	24	3600
2.1 - 2.5	375	174	240	156	6	66	9	9	0	1035
2.6 - 3.0	99	48	483	432	9	63	12	3	12	1161
3.1 - 3.5	0	0	471	438	6	39	12	6	9	981
3.6 - 4.0	0	0	195	285	0	33	6	0	3	522
4.1 - 4.5	0	0	93	123	3	36	0	0	0	255
4.6 - 5.0	0	0	27	27	9	48	0	0	0	111
5.1 - 6.0	0	0	0	0	39	84	9	0	0	132
6.1 - 7.0	0	0	0	0	12	33	3	0	0	48
7.1 - 8.0	0	0	0	0	0	12	15	0	0	27
8.1 - 9.0	0	0	0	0	0	0	9	0	0	9
9.1 - 11.0	0	0	0	0	0	0	12	3	0	15
11.1 - 12.0	0	0	0	0	0	0	3	3	0	6
12.1 - 15.0	0	0	0	0	0	0	0	3	0	3
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	7518	1950	336	195	42	72	30	3	39	10185
MEAN 1969	1.5	1.4	2.7	2.8	3.2	3.4	3.9	4.5	2.0	2.2
*MEAN 1968	1.2	1.3	2.6	2.3	2.4	2.4	1.9	2.8	2.3	2.1
**MEAN 1967	1.6	1.8	2.9	3.4	4.3	4.5	4.6	14.0	2.2	2.9

* 1968 IDAHO AND NORTH DAKOTA NOT INCLUDED.
** 1967 IDAHO, MINNESOTA, NORTH DAKOTA, AND SOUTH DAKOTA NOT INCLUDED.

HARD RED SPRING WHEAT TOTAL DEFECTS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	GRADE			NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 NUMBER						
0.0	165	123	9	24	3	3	0	0	0	0	324
0.1 - 1.0	72	3	3	6	3	3	0	0	0	0	87
1.1 - 2.0	969	306	18	24	12	9	9	3	3	6	1356
2.1 - 2.5	783	345	48	66	3	24	9	0	0	6	1284
2.6 - 3.0	933	420	132	93	15	66	18	0	0	6	1683
3.1 - 3.5	0	0	678	435	15	39	3	0	0	3	1173
3.6 - 4.0	0	0	453	519	12	48	15	3	3	18	1068
4.1 - 4.5	0	0	141	243	15	30	18	0	0	3	450
4.6 - 5.0	0	0	81	198	6	30	6	0	0	3	324
5.1 - 6.0	0	0	0	0	27	135	6	3	3	3	174
6.1 - 7.0	0	0	0	0	9	45	6	6	0	0	66
7.1 - 8.0	0	0	0	0	0	24	0	6	0	0	30
8.1 - 9.0	0	0	0	0	0	0	21	3	3	3	27
9.1 - 11.0	0	0	0	0	0	0	24	0	0	0	24
11.1 - 12.0	0	0	0	0	0	0	0	0	0	0	0
12.1 - 15.0	0	0	0	0	0	0	0	6	0	0	6
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0	0
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0
25.1 AND OVER	0	0	0	0	0	0	0	0	0	9	9
NO INFORMATION	7521	1950	813	585	81	195	60	12	42	11259	
MEAN 1969	2.1	2.1	3.5	3.7	3.9	4.6	5.5	7.5	10.5	3.0	
*MEAN 1968	1.6	1.8	3.5	3.3	4.5	4.0	3.9	7.6	8.1	3.2	
**MEAN 1967	2.5	2.4	3.8	3.6	6.1	4.4	8.5	0.0	6.6	3.5	

* 1968 IDAHO AND NORTH DAKOTA NOT INCLUDED.

** 1967 IDAHO, MINNESOTA, NORTH DAKOTA, AND SOUTH DAKOTA NOT INCLUDED.

HARD RED WINTER WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS

STATES	GRADES								SPECIAL GRADES				SUBCLASSES			
	NO. 1 HEAVY	NO. 2 HEAVY	NO. 2 NUMBER	NO. 2 HEAVY	NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE	TOTAL NUMBER	TOUGH NUMBER	WEEV- ILY NUMBER	GAR- LICKY NUMBER	DARK HARD WINTER NUMBER	YELLOW HARD WINTER NUMBER	
CALIFORNIA	440	50	80	40	40	20	30	0	0	700	0	0	0	450	250	0
IDAHO	150	40	30	30	50	10	0	10	10	330	0	0	0	180	140	10
ILLINOIS	0	210	0	460	0	60	0	0	0	730	110	0	10	0	0	730
KANSAS	8390	13440	3070	13650	70	1520	30	0	30	40200	4690	0	0	4450	18740	17010
MISSOURI	650	1720	380	3200	20	670	20	20	40	6720	1370	30	0	230	2270	4220
MONTANA	3510	540	410	270	40	20	10	10	0	4810	40	0	0	3130	1500	180
NEBRASKA	2100	7240	280	3450	20	250	30	10	70	13450	850	10	0	240	5750	7460
NORTH DAKOTA	290	80	0	0	0	10	0	0	0	380	0	0	0	370	10	0
OKLAHOMA	9490	5750	490	1790	80	280	60	60	10	18010	3440	0	0	360	8390	9260
SOUTH DAKOTA	320	1350	40	520	0	120	50	10	20	2430	80	0	0	750	1440	240
TEXAS	3680	1240	530	410	110	120	60	10	60	6220	180	10	0	4640	1290	290
UTAH	2610	1550	520	810	190	340	140	50	90	6300	20	0	0	4470	1550	280
WASHINGTON	960	520	350	540	110	240	140	70	60	2990	0	0	0	2200	690	100
ALL STATES	32590	33730	6180	25170	730	3660	570	250	390	103270	10780	50	10	21470	42020	39780
% 1969 CROP YEAR	31.6	32.7	6.0	24.4	0.7	3.5	0.6	0.2	0.4	100.0	10.4	0.0	0.0	20.8	40.7	38.5
** 1968 CROP YEAR	44.3	28.5	9.7	11.7	1.6	2.7	0.7	0.3	0.4	100.0	12.6	0.0	0.1	21.0	50.3	28.8
% 1967 CROP YEAR	19.9	40.5	4.2	28.6	1.1	4.0	0.8	0.4	0.4	100.0	31.5	0.1	0.1	34.9	47.4	17.7
**COLORADO		5230		1270		70	20		30	6620						

* COLORADO, IDAHO, AND WASHINGTON NOT INCLUDED.

** INFORMATION NOT AVAILABLE ON SPECIAL GRADES AND SUBCLASSES.

HARD RED WINTER THE QUALITY OF THE 1969 CROP WAS DOWN FROM THE 1968 CROP BUT ABOVE THE 1967 CROP. THE 1969 CROP HAD 8.5 PERCENT LESS GRADING NO. 1 COMPARED TO THE 1968 CROP BUT 3.9 PERCENT ABOVE 1967. CONSIDERABLY LESS OF THE 1969 CROP GRADED HEAVY THAN IN 1968; HOWEVER, TEST WEIGHT PER BUSHEL AVERAGED ABOUT THE SAME AS IN THE PREVIOUS YEAR. IN 1969 THE SUBCLASS HARD WINTER DECREASED ALMOST 10 PERCENT COMPARED TO THE 1968 CROP AND THE SUBCLASS YELLOW HARD WINTER INCREASED 10 PERCENT. IN 1969 THE SPECIAL GRADE TOUGH DECREASED 2.2 PERCENT COMPARED TO 1968 AND 21.1 PERCENT FROM THE 1967 CROP.

HARD RED WINTER WHEAT
 RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP AND 1968 CROP AVERAGE
 ALL INSPECTIONS
 ALL STATES **

QUALITY FACTOR	GRADE												SAMPLE GRADE	ALL GRADES
	NO. 1 HEAVY		NO. 2 HEAVY		NO. 3 HEAVY		NO. 4		NO. 5					
	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.				
DOCKAGE														
HIGH	6.2	6.7	9.7	15.2	2.7	18.2	3.2	6.2	16.2	16.2	18.2			
LOW	0.0	0.0	0.7	0.0	0.7	0.0	0.0	0.0	0.7	0.7	0.0			
AVERAGE	1969 8200 0.8 10140 0.9 3360 0.9 12930 0.9 490 1.0 2490 1.2 400 1.2 120 1.5 240 1.7 38370 0.9													
	1968 8940 0.7 8450 0.8 6030 0.7 6930 0.9 1080 0.8 1970 1.2 560 1.3 210 1.4 310 0.9 34480 0.8													
TEST WEIGHT *														
HIGH	65.8	62.0	66.0	62.0	64.7	62.0	64.4	64.2	64.2	64.0	66.0			
LOW	62.1	60.0	62.1	58.0	62.1	56.0	55.0	57.0	57.0	52.6	52.6			
AVERAGE	1969 32590 63.0 33730 61.1 6180 62.7 25170 60.0 730 62.8 3660 59.0 570 60.7 250 61.2 390 60.7 103270 61.5													
	1968 41980 62.7 27010 61.1 9220 62.6 11070 60.3 1490 62.6 2560 59.4 700 59.4 280 59.2 390 60.8 94700 61.8													
MOISTURE														
HIGH	17.0	16.4	14.0	16.9	14.1	17.9	13.9	14.4	14.4	19.7	19.7			
LOW	7.6	7.6	9.0	8.5	8.3	8.4	9.0	10.4	10.4	10.3	7.6			
AVERAGE	1969 26310 12.1 31520 12.6 4890 11.5 23710 12.1 340 11.5 3050 12.3 280 12.1 110 12.4 230 12.6 90440 12.3													
	1968 40770 12.3 26270 12.9 8750 11.7 10330 12.7 1290 11.7 1810 12.5 340 12.6 180 12.4 360 12.5 90100 12.5													
HEAT DAMAGE														
HIGH	0.1	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.4			
LOW	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0			
AVERAGE	1969 330 0.0 1350 0.0 40 0.0 520 0.0 10 0.4 130 0.0 50 0.0 10 0.0 20 0.0 2460 0.0													
	1968 1020 0.0 1520 0.0 150 0.0 590 0.0 10 0.0 100 0.0 40 0.0 10 0.0 20 1.7 3460 0.0													
TOTAL DAMAGE														
HIGH	2.0	1.7	3.0	3.3	5.4	6.6	9.0	14.0	14.0	42.3	42.3			
LOW	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0			
AVERAGE	1969 6550 0.5 10150 0.4 2750 0.6 11530 0.6 220 2.3 1930 2.3 250 2.3 80 4.5 210 8.8 33670 0.6													
	1968 16050 0.5 12420 0.5 5380 0.7 6810 0.8 830 1.9 1630 1.8 420 4.4 160 7.8 300 7.4 44000 0.8													
FOREIGN MATERIAL														
HIGH	0.5	0.5	1.0	1.0	2.0	2.0	3.0	5.0	5.0	10.0	10.0			
LOW	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.0			
AVERAGE	1969 9420 0.2 16630 0.2 3690 0.3 16710 0.3 510 1.0 2880 0.6 460 1.6 240 3.4 310 2.7 50850 0.3													
	1968 17410 0.2 13980 0.2 6830 0.2 7450 0.3 1150 0.6 1490 0.7 460 1.6 170 3.0 310 1.9 49250 0.3													
SHRUNKEN & BROKEN														
HIGH	3.0	3.0	5.0	5.0	7.6	7.9	10.8	12.8	12.8	7.8	12.8			
LOW	0.0	0.0	0.7	0.0	0.2	0.0	0.6	0.4	0.4	0.8	0.0			
AVERAGE	1969 24180 1.6 30630 1.8 6050 3.2 24400 2.6 670 3.1 3540 3.0 550 3.4 230 3.0 370 2.7 90620 2.1													
	1968 35750 1.6 24480 1.5 9140 3.3 10670 2.5 1450 3.7 2520 2.6 680 3.9 270 3.2 390 2.5 85350 1.9													
TOTAL DEFECTS														
HIGH	3.0	3.0	5.0	5.0	7.6	8.0	11.0	14.1	14.1	14.3	14.3			
LOW	0.0	0.0	1.2	0.0	1.4	0.0	1.2	4.9	4.9	1.2	0.0			
AVERAGE	1969 22510 1.9 29540 2.0 5800 3.7 23850 3.0 610 4.6 3410 4.0 530 5.7 230 7.9 350 10.3 86830 2.5													
	1968 34760 1.9 23700 1.9 8830 3.8 10080 3.2 1340 5.2 2170 4.3 610 7.8 250 9.9 390 9.7 82130 2.5													
CONTRASTING CLASSES														
HIGH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
AVERAGE	1969 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0													
	1968 16110 0.0 12500 0.0 3810 0.0 5010 0.0 540 0.2 560 0.1 140 2.0 70 1.7 80 0.0 38820 0.0													
OTHER CLASSES														
HIGH	3.0	3.0	5.0	5.0	10.0	10.0	9.0	5.0	5.0	0.0	10.0			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
AVERAGE	1969 8780 0.0 14940 0.0 3170 0.1 14570 0.1 180 4.8 1840 0.8 120 1.6 20 2.5 50 0.0 43720 0.1													
	1968 16270 0.0 13200 0.1 3930 0.1 5360 0.3 650 2.1 1210 4.5 120 1.3 60 0.8 80 0.0 40880 0.3													

* TEST WEIGHT IN POUNDS.

** 1967 COLORADO, IDAHO, SOUTH DAKOTA, AND WASHINGTON NOT INCLUDED.

** 1968 COLORADO, IDAHO, AND WASHINGTON NOT INCLUDED.

HARD RED WINTER WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	NO. 2 NUMBER	GRADE		NO. 3 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 1 HEAVY	NO. 2 HEAVY						
65.0 - 68.0	380	0	20	0	0	0	0	0	0	0	0	400
62.0 - 64.9	32210	4330	6160	1310	730	110	180	100	120	45250	120	45250
60.0 - 61.9	0	29400	0	9830	0	1330	230	90	150	41030	150	41030
59.0 - 59.9	0	0	0	9330	0	310	70	20	80	9810	80	9810
58.0 - 58.9	0	0	0	4700	0	230	40	30	20	5020	20	5020
57.0 - 57.9	0	0	0	0	0	1390	0	10	10	1410	10	1410
56.0 - 56.9	0	0	0	0	0	290	0	0	0	290	0	290
55.0 - 55.9	0	0	0	0	0	0	50	0	0	50	0	50
54.0 - 54.9	0	0	0	0	0	0	0	0	0	0	0	0
53.0 - 53.9	0	0	0	0	0	0	0	0	0	0	0	0
52.0 - 52.9	0	0	0	0	0	0	0	0	10	10	10	10
51.0 - 51.9	0	0	0	0	0	0	0	0	0	0	0	0
50.0 - 50.9	0	0	0	0	0	0	0	0	0	0	0	0
49.0 - 49.9	0	0	0	0	0	0	0	0	0	0	0	0
45.0 - 48.9	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	0	0	0	0	0	0	0	0	0	0	0	0
MEAN 1969	63.0	61.1	62.7	60.0	62.8	59.0	60.7	61.2	60.7	61.5	60.7	61.5
*MEAN 1968	62.7	61.1	62.6	60.3	62.6	59.4	59.4	59.2	60.8	61.8	60.8	61.8
**MEAN 1967	62.7	60.8	62.8	59.4	62.8	58.4	60.3	60.0	60.4	60.8	60.4	60.8

* 1968 COLORADO, IDAHO, AND WASHINGTON NOT INCLUDED.
** 1967 COLORADO, IDAHO, SOUTH DAKOTA, AND WASHINGTON NOT INCLUDED.

HARD RED WINTER WHEAT MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	GRADE			NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 NUMBER	NO. 3 HEAVY NUMBER					
6.5 - 9.0	260	80	20	180	20	10	20	10	0	0	580
9.1 - 10.0	1520	450	420	1120	160	30	160	10	0	0	3710
10.1 - 10.5	1470	880	570	1310	180	40	180	0	10	20	4480
10.6 - 11.0	2060	1430	680	2140	240	30	240	10	10	0	6600
11.1 - 11.5	2520	2840	810	3080	280	80	280	40	20	40	9710
11.6 - 12.0	3770	4290	1030	3360	400	40	400	80	10	30	13010
12.1 - 12.5	4630	5440	750	3780	410	50	410	20	10	60	15150
12.6 - 13.0	4320	6040	340	3820	550	0	550	40	20	30	15160
13.1 - 13.5	3000	4780	220	2750	410	40	410	40	0	20	11260
13.6 - 14.0	1740	2750	50	1290	170	10	170	30	0	10	6050
14.1 - 14.5	670	1340	0	450	110	10	110	0	30	10	2620
14.6 - 15.0	260	700	0	270	40	0	40	0	0	0	1270
15.1 - 16.0	80	470	0	120	60	0	60	0	0	0	730
16.1 AND OVER	10	30	0	40	20	0	20	0	0	10	110
NO INFORMATION	6280	2210	1290	1460	610	390	610	290	140	160	12830
MEAN 1969	12.1	12.6	11.5	12.1	12.3	11.5	12.3	12.1	12.4	12.6	12.3
*MEAN 1968	12.3	12.9	11.7	12.7	12.5	11.7	12.5	12.6	12.4	12.5	12.5
**MEAN 1967	12.4	13.4	11.2	13.4	13.3	10.9	13.3	13.0	13.2	13.2	13.1

* 1968 COLORADO, IDAHO, AND WASHINGTON NOT INCLUDED.
** 1967 COLORADO, IDAHO, SOUTH DAKOTA, AND WASHINGTON NOT INCLUDED.

HARD RED WINTER WHEAT TOTAL DAMAGE
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	GRADE			NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 NUMBER						
.0	140	690	0	200	0	0	20	20	0	0	1070
.1 - 1.0	6230	9400	2430	10670	100	1530	150	50	30630	70	30630
1.1 - 1.5	160	50	150	260	0	70	0	0	690	0	690
1.6 - 2.0	20	10	110	220	10	80	0	0	480	30	480
2.1 - 2.5	0	0	30	90	10	0	0	0	130	0	130
2.6 - 3.0	0	0	30	80	10	40	0	0	170	10	170
3.1 - 3.5	0	0	0	10	10	40	0	0	60	0	60
3.6 - 4.0	0	0	0	0	20	40	20	0	100	20	100
4.1 - 4.5	0	0	0	0	10	40	0	0	50	0	50
4.6 - 5.0	0	0	0	0	30	10	0	0	40	0	40
5.1 - 6.0	0	0	0	0	20	50	10	0	90	10	90
6.1 - 7.0	0	0	0	0	0	10	20	0	30	0	30
7.1 - 8.0	0	0	0	0	0	0	10	10	20	0	20
8.1 - 10.0	0	0	0	0	0	0	20	0	40	20	40
10.1 - 12.5	0	0	0	0	0	0	0	10	10	0	10
12.6 - 15.0	0	0	0	0	0	0	0	10	10	0	10
15.1 AND OVER	0	0	0	0	0	0	0	0	50	50	50
NO INFORMATION	26040	23580	3430	13640	510	1730	320	170	69600	180	69600
MEAN 1969	0.5	0.4	0.6	0.6	2.3	1.1	2.3	4.5	0.6	8.8	0.6
*MEAN 1968	0.5	0.5	0.7	0.8	1.9	1.8	4.4	7.8	0.8	7.4	0.8
**MEAN 1967	0.4	0.6	1.0	0.8	2.6	1.5	5.2	9.1	0.8	10.0	0.8

* 1968 COLORADO, IDAHO, AND WASHINGTON NOT INCLUDED.
 ** 1967 COLORADO, IDAHO, SOUTH DAKOTA, AND WASHINGTON NOT INCLUDED.

HARD RED WINTER WHEAT FOREIGN MATERIAL
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	GRADE			NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 HEAVY NUMBER	NO. 3 NUMBER				
0.0	140	390	0	70	0	10	0	0	0	610
0.1 - 0.5	9280	16240	2980	15030	200	2000	160	30	190	46110
0.6 - 1.0	0	0	710	1610	30	150	30	10	0	2540
1.1 - 1.5	0	0	0	0	130	470	0	0	10	610
1.6 - 2.0	0	0	0	0	150	250	0	0	10	410
2.1 - 2.5	0	0	0	0	0	0	160	0	0	160
2.6 - 3.0	0	0	0	0	0	0	110	0	0	110
3.1 - 3.5	0	0	0	0	0	0	0	30	0	30
3.6 - 4.0	0	0	0	0	0	0	0	80	0	80
4.1 - 4.5	0	0	0	0	0	0	0	70	0	70
4.6 - 5.0	0	0	0	0	0	0	0	20	0	20
5.1 - 6.0	0	0	0	0	0	0	0	0	30	30
6.1 - 8.0	0	0	0	0	0	0	0	0	30	30
8.1 - 10.0	0	0	0	0	0	0	0	0	40	40
10.1 - 15.0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	23170	17100	2490	8460	220	780	110	10	80	52420
MEAN 1969	0.2	0.2	0.3	0.3	1.0	0.6	1.6	3.4	2.7	0.3
MEAN 1968	0.2	0.2	0.2	0.3	0.6	0.7	1.6	3.0	1.9	0.3
MEAN 1967	0.1	0.2	0.5	0.2	1.2	0.5	1.6	2.7	3.2	0.3

HARD RED WINTER WHEAT SHRUNKEN AND BROKEN KERNELS
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	GRADE												ALL GRADES NUMBER						
	NO. 1 HEAVY		NO. 1		NO. 2 HEAVY		NO. 2		NO. 3 HEAVY		NO. 3			NO. 4		NO. 5		SAMPLE GRADE	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER		NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0	100	380	0	90	0	20	0	20	0	0	0	0	0	0	0	0	0	590	
0.1 - 1.0	4520	4550	120	2060	60	290	40	11700										11700	
1.1 - 2.0	13560	15270	570	6640	220	1270	240	38010										38010	
2.1 - 2.5	3500	6400	310	2700	70	360	60	13470										13470	
2.6 - 3.0	2500	4030	1040	2830	50	260	70	10840										10840	
3.1 - 3.5	0	0	1950	4660	10	170	0	6830										6830	
3.6 - 4.0	0	0	1140	3090	60	130	0	4440										4440	
4.1 - 4.5	0	0	610	1450	0	80	10	2170										2170	
4.6 - 5.0	0	0	310	880	10	200	30	1440										1440	
5.1 - 6.0	0	0	0	0	150	520	0	710										710	
6.1 - 7.0	0	0	0	0	20	180	0	210										210	
7.1 - 8.0	0	0	0	0	20	60	0	90										90	
8.1 - 9.0	0	0	0	0	0	0	50	50										50	
9.1 - 11.0	0	0	0	0	0	0	50	50										50	
11.1 - 12.0	0	0	0	0	0	0	0	0										0	
12.1 - 15.0	0	0	0	0	0	0	0	20										20	
15.1 - 20.0	0	0	0	0	0	0	0	0										0	
20.1 - 25.0	0	0	0	0	0	0	0	0										0	
25.1 AND OVER	0	0	0	0	0	0	0	0										0	
NO INFORMATION	8410	3100	130	770	60	120	20	12650										12650	
MEAN 1969	1.6	1.8	3.2	2.6	3.1	3.0	3.4	2.1										2.1	
*MEAN 1968	1.6	1.5	3.3	2.5	3.7	2.6	3.9	1.9										1.9	
**MEAN 1967	1.4	1.3	3.1	1.7	3.3	2.2	2.8	1.6										1.6	

* 1968 COLORADO, IDAHO, AND WASHINGTON NOT INCLUDED.
 ** 1967 COLORADO, IDAHO, SOUTH DAKOTA, AND WASHINGTON NOT INCLUDED.

HARD RED WINTER WHEAT TOTAL DEFECTS
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	GRADE					NO. 4	NO. 5	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 HEAVY NUMBER				
0.0	100	380	0	80	0	20	0	0	580
0.1 - 1.0	2970	1760	0	310	0	20	0	0	5060
1.1 - 2.0	10400	13360	200	4630	50	460	0	30	29170
2.1 - 2.5	4430	7060	160	3180	30	390	0	20	15290
2.6 - 3.0	4610	6980	130	2910	30	520	0	30	15240
3.1 - 3.5	0	0	2300	4670	60	230	0	0	7270
3.6 - 4.0	0	0	1600	4260	70	270	0	40	6330
4.1 - 4.5	0	0	820	2110	70	130	0	10	3200
4.6 - 5.0	0	0	590	1700	20	140	10	0	2530
5.1 - 6.0	0	0	0	0	180	730	70	30	1050
6.1 - 7.0	0	0	0	0	80	350	60	10	500
7.1 - 8.0	0	0	0	0	20	150	30	10	220
8.1 - 9.0	0	0	0	0	0	0	10	10	60
9.1 - 11.0	0	0	0	0	0	0	0	50	170
11.1 - 12.0	0	0	0	0	0	0	0	0	0
12.1 - 15.0	0	0	0	0	0	0	40	40	80
15.1 - 20.0	0	0	0	0	0	0	10	20	30
20.1 - 25.0	0	0	0	0	0	0	0	30	30
25.1 AND OVER	0	0	0	0	0	0	0	20	20
NO INFORMATION	10080	4190	380	1320	120	250	20	40	16440
MEAN 1969	1.9	2.0	3.7	3.0	4.6	4.0	7.9	10.3	2.5
*MEAN 1968	1.9	1.9	3.8	3.2	5.2	4.3	9.9	9.7	2.5
**MEAN 1967	1.7	2.0	3.6	2.4	4.7	3.4	9.0	11.9	2.3

* 1968 COLORADO, IDAHO, AND WASHINGTON NOT INCLUDED.
 ** 1967 COLORADO, IDAHO, SOUTH DAKOTA, AND WASHINGTON NOT INCLUDED.

SOFT RED WINTER WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS

STATES	GRADES										SPECIAL GRADES			
	NO. 1 HEAVY		NO. 2 HEAVY		NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
CALIFORNIA	632	1716	40	748	0	168	48	20	3412	16	0	0	0	0
ILLINOIS	12	556	0	1260	0	2216	412	60	4556	2408	28	720	28	720
INDIANA	0	292	0	792	0	144	12	4	1256	588	4	288	4	288
KENTUCKY	4	368	0	872	0	380	52	24	1732	996	12	616	12	616
MARYLAND	0	112	0	320	0	104	44	0	588	184	16	280	16	280
MICHIGAN	8	60	0	88	0	12	0	0	168	68	0	0	0	0
MISSOURI	24	84	0	16	0	8	0	0	132	56	0	0	0	0
NEW YORK	4	160	0	364	0	184	8	0	724	384	0	0	0	0
OHIO	68	3268	0	3840	0	972	76	8	8308	4852	12	224	12	224
PENNSYLVANIA	4	116	0	564	0	324	156	124	1456	776	28	712	28	712
SOUTH CAROLINA	0	16	0	168	0	272	260	60	796	276	88	16	88	16
TEXAS	0	12	0	40	0	48	4	8	112	12	0	0	0	0
VIRGINIA	0	84	0	1076	0	2152	972	108	4436	2096	32	1360	32	1360
ALL STATES	756	6844	40	10148	0	6984	2044	416	27676	12712	220	4216	220	4216
* 1969 CROP YEAR	2.7	24.7	0.1	36.7	0.0	25.2	7.4	1.5	100.0	45.9	0.8	15.2	0.8	15.2
* 1968 CROP YEAR	1.9	29.1	0.1	46.7	0.0	16.2	3.8	1.2	100.0	33.9	0.6	14.5	0.6	14.5
** 1967 CROP YEAR	3.3	35.0	0.1	44.2	0.0	12.9	2.9	0.8	100.0	59.6	0.2	20.9	0.2	20.9

* 1967 CALIFORNIA NOT INCLUDED.

SOFT RED WINTER QUALITY HAS DECLINED MARKEDLY OVER THE LAST THREE YEARS. THERE WAS 13.6 PERCENT LESS OF THE 1969 CROP GRADING NO. 2 OR BETTER COMPARED TO 1968 AND 18.4 PERCENT LESS COMPARED TO 1967 CROP. THE SPECIAL GRADE TOUGH INCREASED 12 PERCENT FROM THE 1968 CROP BUT WAS WELL BELOW THE 1967 CROP. GARLICKY WHEAT INCREASED SLIGHTLY FROM THE 1968 CROP, BUT WAS 5.7 PERCENT LESS THAN THE 1967 CROP.

SOFT RED WINTER WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP AND 1968 CROP AVERAGE
ALL INSPECTIONS
ALL STATES **

QUALITY FACTOR	GRADE										SAMPLE GRADE	ALL GRADES
	NO. 1 HEAVY	NO. 1 PCT.	NO. 1 PCT.	NO. 2 HEAVY	NO. 2 PCT.	NO. 2 PCT.	NO. 3 HEAVY	NO. 3 PCT.	NO. 3 PCT.	NO. 4 PCT.	NO. 5 PCT.	
DOCKAGE												
HIGH	5.2	8.7	2.2	2.2	10.2	10.2	0.0	0.0	9.2	13.7	3.7	13.7
LOW	0.7	0.7	0.7	0.7	0.3	0.3	0.0	0.0	0.7	0.7	0.7	0.3
AVERAGE	280	2148	32	32	3576	3576	0	0	3132	1324	280	10992
1969	235	3490	5	5	6430	6430	5	5	2900	670	255	14205
1968												
TEST WEIGHT *												
HIGH	65.2	62.0	63.1	63.1	62.0	62.0	0.0	0.0	61.7	61.4	62.0	65.2
LOW	62.1	60.0	62.1	62.1	58.0	58.0	0.0	0.0	56.0	54.0	51.3	48.0
AVERAGE	756	6840	40	40	10148	10148	0	0	6984	2044	416	27672
1969	560	8705	20	20	13990	13990	5	5	4865	1125	370	29950
1968												
MOISTURE												
HIGH	14.7	16.0	0.0	0.0	17.5	17.5	0.0	0.0	18.5	21.7	20.7	21.7
LOW	11.2	10.0	0.0	0.0	9.2	9.2	0.0	0.0	8.1	9.9	10.9	8.1
AVERAGE	144	5148	0	0	9444	9444	0	0	6820	1996	396	24356
1969	155	5840	10	10	12650	12650	0	0	4480	1050	300	24770
1968												
HEAT DAMAGE												
HIGH	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.4	0.7	0.0	0.7
LOW	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.4	0.7	0.0	0.1
AVERAGE	0	0	0	0	12	12	0	0	4	4	0	32
1969	0	5	0	0	15	15	0	0	0	0	0	35
1968												
TOTAL DAMAGE												
HIGH	1.0	2.0	0.0	0.0	4.0	4.0	0.0	0.0	7.0	10.0	15.0	80.0
LOW	0.4	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.1
AVERAGE	12	1124	0	0	4564	4564	0	0	3880	1512	344	11784
1969	75	2630	5	5	6505	6505	0	0	3490	945	280	14200
1968												
FOREIGN MATERIAL												
HIGH	0.3	0.5	1.0	1.0	1.0	1.0	0.0	0.0	2.0	3.0	5.0	13.1
LOW	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1
AVERAGE	20	436	16	16	2372	2372	0	0	2820	1268	296	7472
1969	80	1975	5	5	5125	5125	0	0	2220	690	300	10565
1968												
SHRUNKEN & BROKEN												
HIGH	0.7	2.8	4.6	4.6	4.8	4.8	0.0	0.0	7.0	10.3	4.0	10.3
LOW	0.3	0.1	3.2	3.2	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1
AVERAGE	8	444	32	32	2316	2316	0	0	2992	1424	312	7788
1969	90	2525	15	15	6125	6125	5	5	2630	795	280	12660
1968												
TOTAL DEFECTS												
HIGH	1.5	3.0	4.8	4.8	5.0	5.0	0.0	0.0	7.6	11.0	15.0	15.0
LOW	0.8	0.4	3.1	3.1	0.3	0.3	0.0	0.0	0.2	0.4	0.7	0.2
AVERAGE	8	408	24	24	2316	2316	0	0	3008	1416	312	7764
1969	85	2525	15	15	6170	6170	5	5	2685	810	290	12785
1968												
CONTRASTING CLASSES												
HIGH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0	0
1968												
OTHER CLASSES												
HIGH	0.0	2.0	0.0	0.0	5.0	5.0	0.0	0.0	10.0	0.0	0.0	10.0
LOW	0.0	1.5	0.0	0.0	0.4	0.4	0.0	0.0	2.0	0.0	0.0	3.0
AVERAGE	0	36	0	0	56	56	0	0	28	0	0	128
1969	0	20	0	0	230	230	0	0	75	0	0	325
1968												

* TEST WEIGHT IN POUNDS.

** 1967 CALIFORNIA NOT INCLUDED.

SOFT RED WINTER WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	GRADE			NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 HEAVY NUMBER	NO. 3 NUMBER				
65.0 - 68.0	16	0	0	0	0	0	0	0	0	16
62.0 - 64.9	740	168	40	8	0	0	0	4	0	960
60.0 - 61.9	0	6672	0	244	0	40	24	4	52	7036
59.0 - 59.9	0	0	0	4584	0	56	0	12	56	4708
58.0 - 58.9	0	0	0	5312	0	92	24	4	40	5472
57.0 - 57.9	0	0	0	0	0	3924	32	12	20	3988
56.0 - 56.9	0	0	0	0	0	2872	28	8	52	2960
55.0 - 55.9	0	0	0	0	0	0	1268	24	40	1332
54.0 - 54.9	0	0	0	0	0	0	668	36	44	748
53.0 - 53.9	0	0	0	0	0	0	0	208	36	244
52.0 - 52.9	0	0	0	0	0	0	0	64	16	80
51.0 - 51.9	0	0	0	0	0	0	0	40	24	64
50.0 - 50.9	0	0	0	0	0	0	0	0	24	24
49.0 - 49.9	0	0	0	0	0	0	0	0	20	20
45.0 - 48.9	0	0	0	0	0	0	0	0	20	20
NO INFORMATION	0	4	0	0	0	0	0	0	0	4
MEAN 1969	63.2	60.7	62.5	58.9	0.0	57.0	55.2	53.8	55.5	58.6
MEAN 1968	62.4	60.7	62.8	58.9	62.3	57.2	55.2	54.3	54.9	59.0
*MEAN 1967	62.5	60.6	62.6	59.0	0.0	57.2	55.5	55.1	56.6	59.3

* 1967 CALIFORNIA NOT INCLUDED.

SOFT RED WINTER WHEAT MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	GRADE			NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 NUMBER						
6.5 - 9.0	0	0	0	0	0	0	8	0	0	0	8
9.1 - 10.0	0	4	0	4	0	0	4	4	0	0	16
10.1 - 10.5	0	4	0	4	0	0	16	4	0	4	32
10.6 - 11.0	0	4	0	16	0	0	40	12	8	4	84
11.1 - 11.5	4	24	0	68	0	0	72	20	4	16	208
11.6 - 12.0	8	132	0	308	0	0	236	44	8	20	756
12.1 - 12.5	32	300	0	516	0	0	336	120	36	52	1392
12.6 - 13.0	40	956	0	1332	0	0	796	260	40	64	3488
13.1 - 13.5	32	1512	0	2408	0	0	1328	300	40	40	5660
13.6 - 14.0	20	1124	0	1944	0	0	1200	308	52	32	4680
14.1 - 14.5	4	740	0	1280	0	0	964	212	36	44	3280
14.6 - 15.0	4	252	0	888	0	0	832	264	36	48	2324
15.1 - 16.0	0	96	0	604	0	0	748	232	52	44	1776
16.1 AND OVER	0	0	0	72	0	0	240	216	84	40	652
NO INFORMATION	612	1696	40	704	0	0	164	48	20	36	3320
MEAN 1969	13.0	13.5	0.0	13.7	0.0	0.0	13.9	14.2	14.7	13.9	13.8
MEAN 1968	12.4	13.1	9.9	13.5	0.0	0.0	13.9	14.7	14.7	14.6	13.5
MEAN 1967	13.1	13.7	12.7	14.1	0.0	0.0	14.7	15.5	16.3	15.3	14.1

* 1967 CALIFORNIA NOT INCLUDED.

SOFT RED WINTER WHEAT TOTAL DAMAGE
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	NO. 2 NUMBER	GRADE		NO. 3 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 2 HEAVY	NO. 2	NO. 3 HEAVY	NO. 3	NO. 4	NO. 5		
.0	0	0	0	0	0	0	0	0	0	0	0	0
.1 - 1.0	12	384	0	1644	0	1644	0	2020	636	76	20	4792
1.1 - 1.5	0	300	0	860	0	860	0	616	224	36	16	2052
1.6 - 2.0	0	440	0	1196	0	1196	0	516	204	24	12	2392
2.1 - 2.5	0	0	0	364	0	364	0	120	56	16	12	568
2.6 - 3.0	0	0	0	364	0	364	0	220	60	8	8	660
3.1 - 3.5	0	0	0	84	0	84	0	88	48	4	4	228
3.6 - 4.0	0	0	0	52	0	52	0	144	80	8	4	288
4.1 - 4.5	0	0	0	0	0	0	0	28	20	0	0	48
4.6 - 5.0	0	0	0	0	0	0	0	44	36	4	0	84
5.1 - 6.0	0	0	0	0	0	0	0	64	36	16	0	116
6.1 - 7.0	0	0	0	0	0	0	0	20	48	16	4	88
7.1 - 8.0	0	0	0	0	0	0	0	0	20	0	8	28
8.1 - 10.0	0	0	0	0	0	0	0	0	44	16	24	84
10.1 - 12.5	0	0	0	0	0	0	0	0	0	40	8	48
12.6 - 15.0	0	0	0	0	0	0	0	0	0	80	12	92
15.1 AND OVER	0	0	0	0	0	0	0	0	0	0	216	216
NO INFORMATION	744	5720	40	5584	0	5584	0	3104	532	72	96	15892
MEAN 1969	0.6	1.3	0.0	1.4	0.0	1.4	0.0	1.4	2.1	6.4	20.2	2.2
MEAN 1968	0.4	0.8	0.4	1.3	0.0	1.3	0.0	2.0	3.2	5.3	15.0	1.9
*MEAN 1967	0.6	0.8	2.0	1.2	0.0	1.2	0.0	2.1	4.1	6.6	12.7	1.7

* 1967 CALIFORNIA NOT INCLUDED.

SOFT RED WINTER WHEAT FOREIGN MATERIAL
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	GRADE			NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 NUMBER						
0.0	0	0	0	0	0	0	0	0	0	0	0
0.1 - 0.5	20	436	4	2084	0	2616	1156	248	184	6748	6748
0.6 - 1.0	0	0	12	288	0	120	40	12	20	492	492
1.1 - 1.5	0	0	0	0	0	40	12	4	4	60	60
1.6 - 2.0	0	0	0	0	0	44	0	0	4	48	48
2.1 - 2.5	0	0	0	0	0	0	24	0	0	24	24
2.6 - 3.0	0	0	0	0	0	0	36	0	0	36	36
3.1 - 3.5	0	0	0	0	0	0	0	4	0	4	4
3.6 - 4.0	0	0	0	0	0	0	0	4	0	4	4
4.1 - 4.5	0	0	0	0	0	0	0	16	0	16	16
4.6 - 5.0	0	0	0	0	0	0	0	8	4	12	12
5.1 - 6.0	0	0	0	0	0	0	0	0	8	8	8
6.1 - 8.0	0	0	0	0	0	0	0	0	8	8	8
8.1 - 10.0	0	0	0	0	0	0	0	0	8	8	8
10.1 - 15.0	0	0	0	0	0	0	0	0	4	4	4
NO INFORMATION	736	6408	24	7776	0	4164	776	120	200	20204	20204
MEAN 1969	0.2	0.2	0.6	0.3	0.0	0.3	0.4	0.7	1.2	0.3	0.3
MEAN 1968	0.1	0.2	0.8	0.3	0.0	0.4	0.4	1.4	1.9	0.4	0.4
*MEAN 1967	0.3	0.3	0.8	0.3	0.0	0.5	0.7	1.6	2.4	0.4	0.4

* 1967 CALIFORNIA NOT INCLUDED.

SOFT RED WINTER WHEAT SHRUNKEN AND BROKEN KERNELS
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY		NO. 1		NO. 2 HEAVY		NO. 2		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.1 - 1.0	8	408	0	2096	0	2712	1108	232	232	6796								6796		
1.1 - 2.0	0	32	0	88	0	236	288	64	24	732								732		
2.1 - 2.5	0	0	0	4	0	0	4	8	0	16								16		
2.6 - 3.0	0	4	0	4	0	0	0	4	0	12								12		
3.1 - 3.5	0	0	8	56	0	0	0	0	0	64								64		
3.6 - 4.0	0	0	12	52	0	8	8	4	0	84								84		
4.1 - 4.5	0	0	8	12	0	0	0	0	0	20								20		
4.6 - 5.0	0	0	4	4	0	0	4	0	0	12								12		
5.1 - 6.0	0	0	0	0	0	20	4	0	0	24								24		
6.1 - 7.0	0	0	0	0	0	16	0	0	0	20								20		
7.1 - 8.0	0	0	0	0	0	0	0	0	0	0								0		
8.1 - 9.0	0	0	0	0	0	0	4	0	0	4								4		
9.1 - 11.0	0	0	0	0	0	0	4	0	0	4								4		
11.1 - 12.0	0	0	0	0	0	0	0	0	0	0								0		
12.1 - 15.0	0	0	0	0	0	0	0	0	0	0								0		
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0								0		
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0								0		
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0								0		
NO INFORMATION	748	6400	8	7832	0	3992	620	104	184	19888										
MEAN 1969	0.5	0.6	3.9	0.7	0.0	0.7	0.8	0.8	0.6	0.7								0.7		
MEAN 1968	0.4	0.7	3.0	0.9	7.0	0.9	0.8	1.7	0.7	0.9								0.9		
*MEAN 1967	0.6	0.7	1.0	0.7	0.0	0.8	0.7	0.9	0.7	0.7								0.7		

* 1967 CALIFORNIA NOT INCLUDED.

SOFT RED WINTER WHEAT TOTAL DEFECTS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		GRADE NO. 3 HEAVY		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	4	84	0	560	0	812	156	8	8	4	4	1628	1628	1628
1.1 - 2.0	4	244	0	1056	0	1144	372	36	36	4	4	2860	2860	2860
2.1 - 2.5	0	48	0	292	0	444	228	28	28	0	0	1040	1040	1040
2.6 - 3.0	0	32	0	128	0	272	200	24	24	8	8	664	664	664
3.1 - 3.5	0	0	4	112	0	72	80	16	16	4	4	288	288	288
3.6 - 4.0	0	0	0	104	0	72	96	16	16	0	0	288	288	288
4.1 - 4.5	0	0	12	40	0	48	32	4	4	8	8	144	144	144
4.6 - 5.0	0	0	8	24	0	20	44	20	20	8	8	124	124	124
5.1 - 6.0	0	0	0	0	0	68	48	20	20	0	0	136	136	136
6.1 - 7.0	0	0	0	0	0	32	60	12	12	0	0	104	104	104
7.1 - 8.0	0	0	0	0	0	24	28	4	4	8	8	64	64	64
8.1 - 9.0	0	0	0	0	0	0	36	0	0	4	4	40	40	40
9.1 - 11.0	0	0	0	0	0	0	36	12	12	4	4	52	52	52
11.1 - 12.0	0	0	0	0	0	0	0	24	24	4	4	28	28	28
12.1 - 15.0	0	0	0	0	0	0	0	64	64	4	4	68	68	68
15.1 - 20.0	0	0	0	0	0	0	0	24	24	48	48	72	72	72
20.1 - 25.0	0	0	0	0	0	0	0	0	0	40	40	40	40	40
25.1 AND OVER	0	0	0	0	0	0	0	0	0	124	124	124	124	124
NO INFORMATION	748	6436	16	7832	0	3976	628	104	104	172	172	19912	19912	19912
MEAN 1969	1.1	1.6	4.2	1.8	0.0	1.9	3.0	7.4	7.4	24.8	24.8	3.1	3.1	3.1
MEAN 1968	0.9	1.6	3.6	2.3	7.3	3.2	4.4	7.9	7.9	16.9	16.9	2.8	2.8	2.8
*MEAN 1967	1.3	1.6	4.0	2.2	0.0	3.2	5.5	8.7	8.7	16.5	16.5	2.7	2.7	2.7

* 1967 CALIFORNIA NOT INCLUDED.

WHITE WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS

STATES	GRADES										SPECIAL GRADES						SUBCLASSES									
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		SAMPLE		TOTAL		TOUGH		WEEV-ILY		GAR-LICKY		HARD WHITE		SCFT WHITE		WEST. CLUB WHITE	
	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY
CALIFORNIA	82	140	14	60	4	22	34	42	32	430					0	0	0	0	0	86	344	0	0			
IDAHO	884	190	78	84	26	32	16	8	2	1320					0	0	0	0	0	28	1286	4	2			
MICHIGAN	2	44	0	332	0	116	48	50	138	730					240	0	0	0	0	0	730	0	0			
NEW YORK	0	24	0	346	0	184	18	4	10	586					326	2	6	0	0	0	586	0	0			
OHIO	0	16	0	38	0	34	18	10	68	184					106	6	0	0	0	0	184	0	0			
OREGON	390	264	20	110	8	32	16	4	2	846					2	0	0	0	8	646	176	16				
UTAH	1256	1310	126	906	36	154	68	12	26	3894					12	2	0	0	128	3766	0	0				
WASHINGTON	1628	562	92	218	12	74	24	12	12	2634					0	88	0	40	2398	122	74					
ALL STATES	4242	2550	330	2094	86	648	242	142	290	10624					686	98	6	290	9940	302	92					
% 1969 CROP YEAR	39.9	24.0	3.1	19.7	0.8	6.1	2.3	1.3	2.7	100.0					6.5	0.9	0.1	2.7	93.6	2.8	0.9					
% 1968 CROP YEAR	7.3	27.1	1.0	24.7	0.3	10.3	6.1	3.4	19.8	100.0					15.7	0.1	0.3	7.7	92.2	0.1	0.0					
% 1967 CROP YEAR	7.6	44.4	1.0	34.1	0.4	6.6	3.6	0.8	1.5	100.0					19.0	0.0	0.7	7.8	92.0	0.1	0.0					

* 1968 IDAHO, OREGON, AND WASHINGTON NOT INCLUDED.

WHITE WHEAT THE QUALITY OF THE 1969 CROP WAS UP CONSIDERABLY OVER THE 1968 CROP. THERE WAS 29.5 PERCENT MORE GRADING NO. 1 IN 1969 AS COMPARED TO 1968. THE PERCENT GRADING NO. 2 OR BETTER IN 1969 IS ABOUT THE SAME AS THE 1967 CROP, BUT MUCH MORE OF THE 1969 CROP GRADED HEAVY. A DRYER GROWING SEASON IN 1969 AS OPPOSED TO A PROLONGED RAINY PERIOD DURING HARVEST IN 1968 HELPED TO IMPROVE THE 1969 CROP. THE 1969 MEAN TEST WEIGHT INCREASED 2.2 POUNDS OVER 1968 AND 1.1 POUNDS OVER 1967. THE MEAN TOTAL DAMAGE WAS 13.3 PERCENT LESS THAN THE 1968 CROP.

WHITE WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP AND 1968 CROP AVERAGE
ALL INSPECTIONS
ALL STATES **

QUALITY FACTOR	GRADE										SAMPLE GRADE		ALL GRADES	
	NO. 1 HEAVY		NO. 2 HEAVY		NO. 3 HEAVY		NO. 4		NO. 5		NO.	PCT.	NO.	PCT.
DOCKAGE	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
HIGH	11.2	13.7	6.7	13.7	5.7	18.2	8.2	12.2	4.3	18.2	0.6	18.2	0.6	18.2
LOW	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
AVERAGE	2046	1.1	1912	1.4	252	1.6	1386	1.8	84	2.0	6452	1.4	6452	1.4
1968	500	1.0	1312	1.2	88	1.8	1460	1.3	280	1.5	6820	1.3	6820	1.3
TEST WEIGHT *	65.5	62.0	64.7	62.0	64.4	62.0	64.2	63.7	63.7	63.8	65.5	65.5	65.5	65.5
HIGH	62.1	53.4	62.1	57.0	62.2	55.0	53.2	51.4	51.4	49.6	49.6	49.6	49.6	49.6
LOW	4244	63.2	2626	60.9	330	63.0	2154	59.3	144	58.1	10832	61.2	10832	61.2
AVERAGE	772	62.4	2884	60.8	104	62.4	2628	59.2	360	56.8	10628	59.0	10628	59.0
1968	13.4	15.4	21.4	16.0	9.1	15.5	18.4	15.4	15.4	18.5	21.4	21.4	21.4	21.4
MOISTURE	6.5	7.7	9.4	7.2	9.1	8.3	9.1	10.5	11.4	11.4	6.5	6.5	6.5	6.5
HIGH	260	9.9	250	11.3	20	11.2	784	13.4	78	13.5	2106	12.7	2106	12.7
LOW	312	9.2	1864	12.7	32	8.5	1816	13.2	612	13.6	5944	12.5	5944	12.5
AVERAGE	0.0	0.0	0.0	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5
HEAT DAMAGE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HIGH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LOW	392	0.0	320	0.0	20	0.0	130	0.0	50	0.0	948	0.0	948	0.0
AVERAGE	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8	1.1	8	1.1
1968	2.0	2.0	3.9	4.0	5.8	7.0	10.0	15.0	15.0	88.6	88.6	88.6	88.6	88.6
TOTAL DAMAGE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HIGH	1318	0.4	856	0.4	130	1.4	944	1.7	163	6.3	4284	3.4	4284	3.4
LOW	28	0.9	408	1.1	4	0.5	576	1.7	508	7.4	5180	16.8	5180	16.8
AVERAGE	0.5	0.5	1.0	1.0	2.0	2.0	3.0	3.0	5.0	5.0	9.6	9.6	9.6	9.6
FOREIGN MATERIAL	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0
HIGH	1962	0.2	1038	0.2	244	0.6	710	0.3	254	0.7	4456	0.4	4456	0.4
LOW	96	0.3	460	0.3	32	0.6	576	0.4	212	0.6	1616	0.5	1616	0.5
AVERAGE	3.0	3.0	4.8	5.0	7.8	7.8	11.9	12.5	12.5	12.5	12.5	12.5	12.5	12.5
SHRUNKEN & BROKEN	0.1	0.1	0.3	0.1	0.4	0.2	0.3	0.4	0.4	0.4	0.1	0.1	0.1	0.1
HIGH	4148	1.0	2406	1.4	316	1.6	1400	2.1	352	2.7	8940	1.4	8940	1.4
LOW	440	1.3	1296	1.2	52	3.1	1352	1.3	820	1.2	6996	1.2	6996	1.2
AVERAGE	3.0	3.0	5.0	5.0	7.8	7.8	11.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0
TOTAL DEFECTS	0.1	0.1	0.3	0.3	0.8	0.8	0.4	0.4	0.3	0.3	0.1	0.1	0.1	0.1
HIGH	3508	1.3	1568	1.8	308	2.8	886	2.8	252	3.9	6876	2.2	6876	2.2
LOW	120	1.9	564	1.6	44	3.1	1024	2.8	728	5.0	5424	17.0	5424	17.0
AVERAGE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CONTRASTING CLASSES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HIGH	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
LOW	68	0.7	156	0.7	12	1.2	164	1.4	100	1.5	716	1.9	716	1.9
AVERAGE	2.4	1.0	0.0	5.0	7.0	9.0	2.6	1.0	1.0	9.7	5.7	5.7	5.7	5.7
OTHER CLASSES	0.5	1.0	0.0	0.0	0.0	0.4	0.5	0.4	0.4	0.5	0.0	0.0	0.0	0.0
HIGH	4	1.4	12	1.0	30	1.3	16	1.3	6	0.8	146	1.6	146	1.6
LOW	16	0.8	292	1.1	0	0.0	364	1.3	92	1.4	784	1.2	784	1.2
AVERAGE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

* TEST WEIGHT IN POUNDS.

** 1968 IDAHO, OREGON, AND WASHINGTON NOT INCLUDED.

WHITE WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	GRADE			NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 HEAVY NUMBER	NO. 3 NUMBER				
65.0 - 68.0	20	0	0	0	0	0	0	0	0	20
62.0 - 64.9	4222	254	330	30	86	6	40	14	18	5000
60.0 - 61.9	0	2194	0	294	0	128	52	8	4	2680
59.0 - 59.9	0	46	0	1030	0	34	20	16	6	1152
58.0 - 58.9	0	54	0	674	0	82	38	50	20	918
57.0 - 57.9	0	0	0	66	0	262	20	18	48	414
56.0 - 56.9	0	0	0	0	0	114	42	26	46	228
55.0 - 55.9	0	0	0	0	0	22	26	4	76	128
54.0 - 54.9	0	0	0	0	0	0	2	0	34	36
53.0 - 53.9	0	2	0	0	0	0	2	4	16	24
52.0 - 52.9	0	0	0	0	0	0	0	2	6	8
51.0 - 51.9	0	0	0	0	0	0	0	0	6	6
50.0 - 50.9	0	0	0	0	0	0	0	0	6	6
49.0 - 49.9	0	0	0	0	0	0	0	0	4	4
45.0 - 48.9	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	0	0	0	0	0	0	0	0	0	0
MEAN 1969	63.2	60.9	63.0	59.3	63.1	58.1	58.9	58.2	56.1	61.2
* MEAN 1968	62.4	60.8	62.4	59.2	62.7	57.9	57.5	56.8	56.0	59.0
* MEAN 1967	62.4	60.8	62.5	59.2	62.6	58.0	59.6	57.0	56.9	60.1

* 1968 AND 1967 IDAHO, OREGON, AND WASHINGTON NOT INCLUDED.

WHITE WHEAT MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	GRADE					NO. 5 NUMBER	NO. 4 NUMBER	NO. 3 NUMBER	NO. 2 HEAVY NUMBER	NO. 2 HEAVY NUMBER	NO. 1 HEAVY NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 HEAVY NUMBER								
6.5 - 9.0	56	44	0	14	0	0	0	4	0	0	0	0	118
9.1 - 10.0	102	42	8	14	2	0	2	0	0	0	0	0	170
10.1 - 10.5	46	12	8	6	0	0	2	2	0	2	0	0	78
10.6 - 11.0	26	12	2	6	0	0	2	8	0	0	0	0	56
11.1 - 11.5	6	10	0	4	0	0	0	4	0	0	0	10	34
11.6 - 12.0	0	14	0	20	0	0	2	16	0	2	2	24	78
12.1 - 12.5	4	24	0	32	0	0	18	6	0	14	14	44	142
12.6 - 13.0	14	32	0	144	0	0	20	56	0	18	18	68	352
13.1 - 13.5	6	30	0	182	0	0	16	82	0	16	18	54	388
13.6 - 14.0	0	22	0	166	0	0	12	84	0	12	18	22	324
14.1 - 14.5	0	4	0	116	0	0	24	58	0	24	4	6	212
14.6 - 15.0	0	0	0	60	0	0	4	36	0	4	0	4	104
15.1 - 16.0	0	2	0	20	0	0	2	6	0	2	2	8	40
16.1 AND OVER	0	0	2	0	0	0	2	0	0	2	0	2	6
NO INFORMATION	3982	2302	310	1310	84	286	136	64	48	8522			
MEAN 1969	9.9	11.3	11.2	13.4	9.1	13.5	13.4	13.1	13.0	12.7			
*MEAN 1968	9.2	12.7	8.5	13.2	0.0	13.0	11.6	12.6	12.1	12.5			
*MEAN 1967	10.1	13.0	11.5	13.6	11.8	13.7	13.5	13.9	14.0	13.3			

* 1968 AND 1967 IDAHO, OREGON, AND WASHINGTON NOT INCLUDED.

WHITE WHEAT TOTAL DAMAGE
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	NO. 2 NUMBER	GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
.0	300	196	18	86	6	20	12	4	2	644		
.1 - 1.0	910	530	42	250	12	74	20	2	8	1848		
1.1 - 1.5	64	44	14	72	0	14	8	0	0	216		
1.6 - 2.0	42	24	18	146	0	14	6	2	0	252		
2.1 - 2.5	0	0	10	102	0	16	0	0	0	128		
2.6 - 3.0	0	0	16	96	2	40	2	0	0	156		
3.1 - 3.5	0	0	10	46	2	22	2	0	0	82		
3.6 - 4.0	0	0	2	116	2	58	0	0	0	178		
4.1 - 4.5	0	0	0	0	0	6	0	0	0	6		
4.6 - 5.0	0	0	0	0	8	34	6	0	0	48		
5.1 - 6.0	0	0	0	0	2	64	0	0	0	66		
6.1 - 7.0	0	0	0	0	0	68	6	0	0	74		
7.1 - 8.0	0	0	0	0	0	0	18	0	0	18		
8.1 - 10.0	0	0	0	0	0	0	86	0	0	86		
10.1 - 12.5	0	0	0	0	0	0	0	50	0	50		
12.6 - 15.0	0	0	0	0	0	0	0	56	4	60		
15.1 AND OVER	0	0	0	0	0	0	0	0	254	254		
NO INFORMATION	2926	1756	200	1180	52	218	76	28	22	6458		
MEAN 1969	0.4	0.4	1.4	1.8	2.2	3.6	6.4	12.0	29.0	3.5		
*MEAN 1968	0.9	1.1	0.5	1.7	3.0	3.7	7.4	12.8	35.2	16.8		
*MEAN 1967	0.5	1.1	2.0	2.2	5.2	4.0	6.3	13.5	25.2	4.6		

* 1968 AND 1967 IDAHO, OREGON, AND WASHINGTON NOT INCLUDED.

WHITE WHEAT FOREIGN MATERIAL
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		GRADE NO. 3 HEAVY		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0	102	40	2	8	0	6	4	0	0	0	0	0	162	
0.1 - 0.5	1858	924	88	518	10	116	54	6	6	12	12	3586		
0.6 - 1.0	0	0	154	132	0	14	4	4	4	0	0	308		
1.1 - 1.5	0	0	0	0	38	52	2	0	0	2	2	94		
1.6 - 2.0	0	0	0	0	14	26	2	0	0	0	0	42		
2.1 - 2.5	0	0	0	0	0	0	16	0	0	0	0	16		
2.6 - 3.0	0	0	0	0	0	0	14	0	0	0	0	14		
3.1 - 3.5	0	0	0	0	0	0	0	4	4	0	0	4		
3.6 - 4.0	0	0	0	0	0	0	0	10	10	0	0	10		
4.1 - 4.5	0	0	0	0	0	0	0	6	6	0	0	6		
4.6 - 5.0	0	0	0	0	0	0	0	12	12	0	0	12		
5.1 - 6.0	0	0	0	0	0	0	0	0	0	4	4	4		
6.1 - 8.0	0	0	0	0	0	0	0	0	0	4	4	4		
8.1 - 10.0	0	0	0	0	0	0	0	0	0	4	4	4		
10.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0		
NO INFORMATION	2282	1586	86	1436	24	434	146	100	264	6358				
MEAN 1969	0.2	0.2	0.6	0.4	1.3	0.7	1.1	3.3	3.6	0.4				
*MEAN 1968	0.3	0.3	0.6	0.4	0.4	0.6	1.1	0.3	1.0	0.5				
*MEAN 1967	0.4	0.3	0.5	0.4	0.8	0.5	0.9	1.1	0.6	0.5				

* 1968 AND 1967 IDAHO, OREGON, AND WASHINGTON NOT INCLUDED.

WHITE WHEAT SHRUNKEN AND BROKEN KERNELS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	NO. 2 NUMBER	GRADE		NO. 3 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 1 HEAVY	NO. 2						
0.0	0	0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	2570	798	108	286	36	52	32	6	16	3904	16	3904
1.1 - 2.0	1394	1198	132	494	30	102	48	16	16	3430	16	3430
2.1 - 2.5	138	198	10	124	6	46	2	6	4	534	4	534
2.6 - 3.0	44	136	14	144	4	30	16	2	2	392	2	392
3.1 - 3.5	0	0	24	122	4	16	4	4	0	174	0	174
3.6 - 4.0	0	0	22	106	0	10	4	0	2	144	2	144
4.1 - 4.5	0	0	2	36	0	8	0	2	0	48	0	48
4.6 - 5.0	0	0	4	28	0	8	8	0	0	48	0	48
5.1 - 6.0	0	0	0	0	2	18	0	0	0	20	0	20
6.1 - 7.0	0	0	0	0	0	8	6	0	0	14	0	14
7.1 - 8.0	0	0	0	0	0	6	0	2	2	10	2	10
8.1 - 9.0	0	0	0	0	0	0	6	0	0	6	0	6
9.1 - 11.0	0	0	0	0	0	0	2	0	0	2	0	2
11.1 - 12.0	0	0	0	0	0	0	4	0	0	4	0	4
12.1 - 15.0	0	0	0	0	0	0	0	2	0	2	0	2
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	96	220	14	754	4	344	110	102	248	1892	248	1892
MEAN 1969	1.0	1.4	1.6	2.1	1.5	2.4	2.8	2.7	1.7	1.4	1.7	1.4
*MEAN 1968	1.3	1.2	3.1	1.3	1.0	1.2	1.7	1.3	1.0	1.2	1.0	1.2
*MEAN 1967	1.4	1.5	2.3	1.8	2.3	2.4	2.1	2.4	0.8	1.7	0.8	1.7

* 1968 AND 1967 IDAHO, OREGON, AND WASHINGTON NOT INCLUDED.

WHITE WHEAT TOTAL DEFECTS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1969 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		NO. 2		NO. 3 HEAVY		NO. 4		NO. 5		SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER		
0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	1496	244	2	50	8	14	8	1828					6	1828
1.1 - 2.0	1622	800	114	210	10	24	18	2802					4	2802
2.1 - 2.5	248	288	34	126	12	26	8	742					0	742
2.6 - 3.0	142	236	16	120	12	36	12	574					0	574
3.1 - 3.5	0	0	36	128	10	24	12	210					0	210
3.6 - 4.0	0	0	62	118	0	26	2	210					2	210
4.1 - 4.5	0	0	26	82	2	18	6	136					0	136
4.6 - 5.0	0	0	18	52	6	8	10	94					0	94
5.1 - 6.0	0	0	0	0	10	40	6	68					0	68
6.1 - 7.0	0	0	0	0	4	20	6	38					0	38
7.1 - 8.0	0	0	0	0	4	16	0	32					6	32
8.1 - 9.0	0	0	0	0	0	0	10	14					4	14
9.1 - 11.0	0	0	0	0	0	0	18	20					2	20
11.1 - 12.0	0	0	0	0	0	0	18	18					0	18
12.1 - 15.0	0	0	0	0	0	0	0	38					2	38
15.1 - 20.0	0	0	0	0	0	0	0	20					4	20
20.1 - 25.0	0	0	0	0	0	0	0	4					4	4
25.1 AND OVER	0	0	0	0	0	0	0	28					28	28
NO INFORMATION	734	982	22	1208	8	396	108	3748					228	3748
MEAN 1969	1.3	1.8	2.8	2.8	3.4	3.9	5.7	2.2					22.6	2.2
*MEAN 1968	1.9	1.9	3.6	2.8	4.2	5.0	8.2	17.0					36.3	17.0
*MEAN 1967	1.8	1.9	3.2	3.0	3.9	4.9	5.8	4.5					26.0	4.5

* 1968 AND 1967 IDAHO, OREGON, WASHINGTON NOT INCLUDED.

DRY EDIBLE BEAN INSPECTIONS: PERCENTAGE
DISTRIBUTION OF NUMBER OF INSPECTIONS BY GRADE
AND SELECT CLASSES, 9 WEEKS DURING AND FOLLOWING HARVEST 1967 - 1969 CROP.

CLASS	HAND PICKED	U.S. EXTRA NO. 1	NO. 1	NO. 2	NO. 3	SUB STANDARD	SAMPLE GRADE
BLACKEYE	1969 CROP YEAR 1968 CROP YEAR 1967 CROP YEAR		13.6 43.5 27.7	24.2 28.1 34.8	19.0 8.7 8.9	20.1 5.0 2.2	23.1 14.7 26.4
CRANBERRY	1969 CROP YEAR 1968 CROP YEAR 1967 CROP YEAR		100.0 99.0 100.0				
GREAT NORTHERN	1969 CROP YEAR 1968 CROP YEAR 1967 CROP YEAR		98.3 97.7 94.2	1.7 0.7 5.3	0.0 1.6 0.5		
DARK & LIGHT RED KIDNEY	1969 CROP YEAR 1968 CROP YEAR 1967 CROP YEAR		68.3 100.0 68.4	27.6 0.0 31.6	3.3 0.0 0.0	0.8 0.0 0.0	
BABY LIMA	1969 CROP YEAR 1968 CROP YEAR 1967 CROP YEAR	11.8 20.9 0.0	58.8 48.1 70.0	11.8 11.6 20.0	5.8 7.0 10.0	11.8 12.4 0.0	
LARGE LIMA	1969 CROP YEAR 1968 CROP YEAR 1967 CROP YEAR	3.1 27.3 5.4	73.2 58.6 62.4	15.3 9.8 20.8		8.4 4.3 11.4	
PEA BEANS	1969 CROP YEAR 1968 CROP YEAR 1967 CROP YEAR	0.7 4.1 25.3	99.1 95.9 65.7	0.2 0.0 9.0			
PINK BEANS	1969 CROP YEAR 1968 CROP YEAR 1967 CROP YEAR	0.9	56.3 80.3 70.8	24.6 16.5 15.2	8.7 0.8 6.4	9.5 2.4 7.6	
SMALL RED	1969 CROP YEAR 1968 CROP YEAR 1967 CROP YEAR	1.3 4.9	78.8 54.8 78.0	15.0 36.2 14.7	3.1 4.5 0.0	3.1 3.2 2.4	
BLACK TURTLE	1969 CROP YEAR 1968 CROP YEAR 1967 CROP YEAR		96.2 98.3 100.0	3.8 1.7			
PINTO	1969 CROP YEAR 1968 CROP YEAR 1967 CROP YEAR	3.7	88.4 89.5 94.4	5.3 5.1 3.9	0.7 1.7	2.3 1.0 0.0	
SMALL WHITE	1969 CROP YEAR 1968 CROP YEAR 1967 CROP YEAR		50.0 100.0 50.0	50.0 50.0			
FLAT SMALL WHITE	1969 CROP YEAR		84.8	15.2			

SEE FOOTNOTE PAGE 72

DRY EDIBLE BEANS IN 1969 THE QUALITY OF THE CROP VARIED WIDELY BY CLASSES OF BEANS. THE CLASS SMALL RED BEANS HAD A SHARP INCREASE IN GRADE NO. 1 COMPARED TO THE PREVIOUS YEAR. CLASSES HAVING ABOUT THE SAME QUALITY DISTRIBUTION AS A YEAR EARLIER WERE: CRANBERRY, GREAT NORTHERN, PEA, AND PINTO. QUALITY WAS NOT AS GOOD IN 1969 AS IN 1968 FOR THE FOLLOWING CLASSES: BLACK EYE, DARK AND LIGHT RED KIDNEY, BABY LIMA, LARGE LIMA, PINK, AND BLACK TURTLE. THERE WAS INSUFFICIENT DATA FOR CONCLUSIVE EVIDENCE ON QUALITY OF THE CLASS SMALL WHITE. THE MARKED CHANGES IN QUALITY WAS DUE MAINLY TO THE VARIED WEATHER CONDITIONS THROUGHOUT THE GROWING AREAS.

DRY EDIBLE PEA INSPECTIONS: PERCENTAGE
DISTRIBUTION OF NUMBER OF INSPECTION BY GRADE
AND CLASS, 9 WEEKS DURING AND FOLLOWING HARVEST

1969 CROP

	GREEN			YELLOW			SAMPLE GRADE
	NO. 1	NO. 2	NO. 3	NO. 1	NO. 2	NO. 3	
INSPECTIONS	1892	538	240	251	37	11	13
% OF 1969 CROP	65.1	18.6	8.2	80.4	11.9	3.5	4.2
% OF 1968 CROP	32.4	24.6	20.9	35.6	22.8	20.1	21.5
% OF 1967 CROP	41.9	22.5	14.6	46.1	23.1	13.6	17.1
% OF 1966 CROP	44.8	24.6	16.6	55.4	22.6	10.0	12.0
AVERAGE 1966-68	39.7	23.9	17.4	45.7	22.8	14.6	16.9

DRY EDIBLE PEAS QUALITY OF THE 1969 CROP WAS SUBSTANTIALLY ABOVE THAT OF THE THREE PREVIOUS YEARS IN WHICH THIS REPORT WAS ISSUED. THE 1969 CROP OF GREEN PEAS HAD TWICE AS MUCH GRADING NO. 1 COMPARED WITH THE 1968 CROP. THE 1969 CROP OF YELLOW PEAS HAD 2 1/4 TIMES AS MUCH GRADING NO. 1, AS IN 1968. THE PERCENT OF THE 1969 CROP IN GRADES BELOW NO. 1 WAS SMALLER THAN IN ANY OF THE PREVIOUS 3 YEARS.